

TMCC Course Catalog

2007-2008

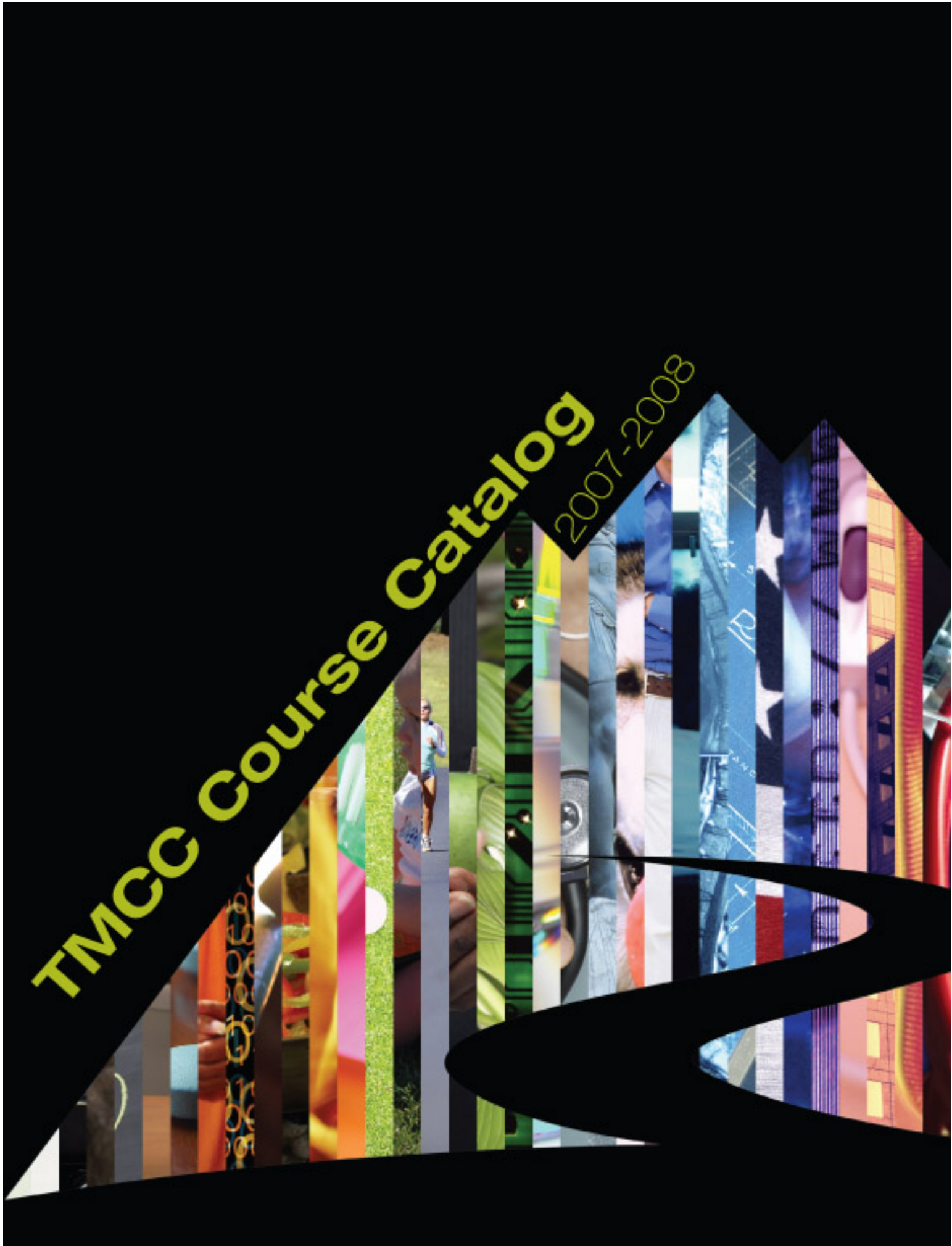


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GENERAL INFORMATION

Academic Calendar

FALL SEMESTER

	Fall - 2007	Fall - 2008
Academic Semester Begins	Aug. 16, 2007	Aug. 14, 2008
Instruction Begins	Aug. 25, 2007	Aug. 23, 2008
Labor Day (Holiday)	Sept. 3, 2007	Sept. 1, 2008
Deadline for Students Opting Out of Directory Information Disclosure	Oct. 5, 2007	Oct. 3, 2008
Nevada Day (Holiday)	Oct. 26, 2007	Oct. 31, 2008
Veterans Day (Holiday) observed	Nov. 12, 2007	Nov. 11, 2008
Thanksgiving Break (Holiday)	Nov. 22-25, 2007	Nov. 27-30, 2008
Instruction Ends	Dec. 16, 2007	Dec. 14, 2008
Final Grades Due – Fall Semester Ends	Dec. 18, 2007	Dec. 16, 2008
No. Instructional Days*	75	75
No. Academic Days*	84	84

SPRING SEMESTER

	Spring - 2008	Spring - 2009
Academic Semester Begins	Jan. 14, 2007	Jan. 12, 2008
Martin Luther King Day (Holiday)	Jan. 21, 2007	Jan. 19, 2008
Instruction Begins	Jan. 26, 2007	Jan. 24, 2008
Presidents Day (Holiday)	Feb. 18, 2007	Feb. 16, 2008
Deadline for Students Opting Out of Directory Information Disclosure	Mar. 7, 2007	Mar. 6, 2008
Spring Break.....	Mar. 22-28, 2007	Mar. 14-20, 2008
Instruction Ends	May 18, 2007	May 17, 2008
Final Grades Due.....	May 20, 2007	May 19, 2008
Graduation – Spring Semester Ends.....	May 23, 2007	May 22, 2008
No. of Instructional Days*	74	74
No. of Academic Days*	88	88

*Does not include Saturdays, Sundays or holidays.

TMCC Partners in Education

COLLEGE OFFICERS

Philip M. Ringle, Ph.D.
PRESIDENT

Jowel C. Laguerre, Ph.D.
VICE PRESIDENT
ACADEMIC AFFAIRS

Delores Sanford
VICE PRESIDENT
FINANCE AND ADMINISTRATIVE SERVICES

Juanita Chrysanthou
VICE PRESIDENT
STUDENT SERVICES

NEVADA SYSTEM OF HIGHER EDUCATION BOARD OF REGENTS

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Dr. Stavros Anthony
Cedric Crear
Thalia Dondero
Dorothy Gallagher
Jason Geddes
Ron Knecht
James Dean Leavitt
Howard Rosenberg
Dr. Jack Lund Schofield
Steve Sisolak
Bret Whipple
Michael Wixom

James E. Rogers, Chancellor

TMCC FOUNDATION BOARD OF TRUSTEES

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Edward Estipona
Joel Glover
Susan Oldham
Grant Sims
Brita Tryggvi

Jim Breslin
Donald Folgner
Walt Katai
Paul Perkins
Katy Singlaub
Patty Wade

Keith Buggs
Lisa Foster
Howard (Hal) Lenoxle
Tonya Powell
Anita Sullivan
Alex Willis

Tony Ciorciari
Sean French
Charles McNeely
Rod Sanford
Stan Thomas

BJ North, Chief Advancement Officer

TMCC MISSION

Truckee Meadows Community College provides access for lifelong learning opportunities to improve the quality of life for our diverse community.

TMCC creates a supportive, intellectually and culturally dynamic environment by offering the following:

- General education programs
- Customized job training
- Transfer degree programs
- Continuing education and recreational programs
- Developmental education programs
- Student and academic support services
- Occupational/technical degrees and programs

The college anticipates and responds to educational needs of individuals to achieve their goals, aspirations and dreams.

CONTINUING STUDENTS

Since continuing students are familiar with TMCC's programs and services, for them this course catalog is more of a reference document.

- Use the COURSE DESCRIPTIONS beginning on page D-1, the FACULTY OF THE COLLEGE beginning on page E-1 and a current class schedule to plan your course of study.
- Use the worksheet of your chosen program to plan and track your progress. See page B-7 for information on the course catalog that you use to determine graduation requirements.
- Use the STUDENT INFORMATION, COLLEGE PROGRAMS and APPENDICES to find the answers to questions you may have.
- Make sure the admissions and records office is aware of any changes you may have made in your course of study, name, address of record or phone number.

NEW TRANSFER STUDENTS

Use the checklist for new students on page A-4 to become familiar with the college's programs and services. Meeting with an advisor, however, is imperative to ensure that you are aware of the transfer status of courses taken at other schools.

STUDENT RESPONSIBILITIES

- read and understand the contents of the course catalog;
- become familiar with all college policies and procedures;
- be aware of college deadlines, including dates for registration, fee payments, dropping classes and registration changes;
- keep the college informed of changes in name, address, phone number, enrollment changes which could affect financial aid awards and/or any other circumstances which could affect satisfactory progress toward a degree;
- attend class and complete all assignments in accordance with the expectations established by the instructor; and
- behave in a manner which contributes to a positive learning environment for all in the classroom and on the campus.
(See Appendix L or contact the associate dean of student support services at 775-673-7114 to address any conduct concerns.)

Physically or learning disabled students may call 775-673-7277 to receive a copy of this course catalog in a more accessible form.

ACCREDITATION STATUS

TMCC is accredited by the Northwest Commission on Colleges and Universities (an institutional accrediting body recognized by the Council for Higher Education Accreditation and/or the Secretary of the U.S. Department of Education).

NONDISCRIMINATION STATEMENT

TMCC does not discriminate on the basis of sex, age, race, color, religion, handicap or national origin in the programs or activities which it operates. All operating policies of the college pertaining to, but not limited to, the instructional programs, student services programs, learning resources services and the employment of all professional, classified and student employees direct such nondiscrimination.

The college is in compliance with Executive Order 11246, Title VII Civil Rights Act (1964) as amended by the Equal Employment Opportunity Act of 1972; Title IX Regulation Implementing Education Amendments of 1972; Section 504, Rehabilitation Act of 1973, the Americans with Disabilities Act, the 1991 Civil Rights Act and all other federal, state and Nevada System of Higher Education rules, laws, regulations and policies.

The equal opportunity and affirmative action policy statements, grievance procedures and sexual harassment policy can be found in Appendices M and N of this course catalog. All matters of alleged discrimination under the previously cited laws, regulations and policies should be referred to the affirmative action officer.

TMCC PRIVACY NOTICE FOR PRINTED MATERIALS

In accordance with institutional policy and the U.S. Family Education Rights and Privacy Act of 1974 (FERPA), Truckee Meadows Community College vigorously protects the privacy of student education records. The institution does not release private records of individual students, such as grades and class schedules, without prior written consent of the student.

As permitted under federal law, the sole exception to the above practice is the release of "directory" information considered to be public in nature and not generally deemed to be an invasion of privacy. At Truckee Meadows Community College the following categories are defined as "directory" information: student name, address, telephone number, semesters of enrollment, full-time/part-time status, degree(s) awarded, emphasis field(s) and date(s) of graduation.

Students have the right to request non-disclosure of directory information. If they do not restrict release of this information, it is probable that the information will be released and disclosed. Truckee Meadows Community College uses directory information for non-commercial, educational purposes, such as to mail notices to students about changes in policies, services or opportunities. Directory information may also be provided by commercial purposes to businesses affiliated with the institution, honor societies, the alumni association and foundation, or other individuals for purposes that may be beneficial to students. The institution exercises discretion in responding to requests for directory information and may or may not provide such information when requested, depending on the intended purpose of the request. The institution does not sell or rent student information for a fee.

It is important to consider carefully the potential consequences of restricting the release of directory information. If a student restricts release for non-commercial educational purposes, the institution will be unable to place the student's name in publications such as honors and graduation programs; to confirm graduation and dates of attendance to potential employers; to verify enrollment with organizations such as insurance companies; or to send notifications about specialized scholarships without the express written authorization of the student.

If, after due consideration, you wish to restrict the release of directory information, complete this form and submit it to the office of admissions and records. This directive will apply permanently to your record until you choose to reverse it by submitting a written authorization.

- Do not disclose my information for commercial purposes.
- Do not disclose my information for non-commercial, education purposes.
- Do not disclose my information for both commercial and non-commercial purposes.

Printed name _____ SSN or ID number _____

Signature _____ Date _____

DISCLAIMER

The TMCC course catalog describes anticipated programs, courses and requirements. These are subject to modification at any time to accommodate changes in college resources or educational plans. The course catalog does not constitute a contractual commitment that the college will offer all the courses or programs described. The college reserves the right to eliminate, cancel, reduce or phase out courses, programs and requirements for financial, curricular or programmatic reasons. The college also reserves the right to limit enrollment in specific programs and courses, to change fees during the student's period of study and to require a student to withdraw from the institution for cause at any time.

STUDENT CHECKLIST

New students

- Have you submitted a completed TMCC application for admission form to admissions and records?

✓ Apply online at www.tmcc.edu.
Use the printed form in the class schedule.
Visit room 319 in the Red Mountain Building or fax to 775-673-7028.

- Have you taken the ACCUPLACER placement test to assess your English and math skills?

✓ ACCUPLACER results are required for many TMCC courses such as business, English and math. Visit us on the Web at <http://testing.tmcc.edu> or call 775-673-8241.

- Have you attended the orientation program?

✓ See page A-16.
Register online at www.tmcc.edu/orientation or visit the Starting Point in the Student Services Center in the Red Mountain Building or call 775-673-7111.

- Have you consulted a counselor/academic advisor to help you select your classes?

✓ Contact the department of your major. Undecided and transfer majors should call 775-673-7062.

- First-time, full-time students are encouraged to participate in TMCC's QUEST program.

✓ Go online to www.tmcc.edu/orientation or call the Starting Point at 775-673-7111. See page A-5 for details.

Check your admissions status online at www.tmcc.edu; then click on Web-Reg.

All students

- Was your financial aid file completed by the July 1 (for fall) or December 1 (for spring) deadline?

✓ Visit room 315 in the Red Mountain Building or call 775-673-7072.

- Have you consulted a counselor/academic advisor to help you select your classes?

✓ Contact the department of your major. Undecided and transfer majors should call 775-673-7062.

- Did you complete the registration worksheet?

✓ See the latest class schedule.

- Did you use Web-Reg at your scheduled registration time to choose your classes? Did you log in a second time to verify your enrollment, fees and your credit card payment?

✓ See the latest class schedule.

- Did you pay your fees by the due date?

✓ See the latest class schedule.

Continuing students

- Does admissions and records have your correct address and phone number?

✓ Use Web-Reg to update your personal information or visit room 319 in the Red Mountain Building or call 775-673-7042.

Go online at www.tmcc.edu for further information.

COLLEGE LOCATIONS

DANDINI CAMPUS

7000 Dandini Boulevard, Reno, NV 89512 775-673-7000

TMCC's main campus houses the administrative functions of the college—everything from admissions and records to financial aid to student development services—as well as a wide variety of academic and occupational programs.

TMCC MEADOWOOD CENTER

5270 Neil Road, Reno, NV 89502 775-829-9004

The Meadowood Center is a full-service education center. It offers a variety of academic and personal enrichment classes as well as Education Centers' Student Services. The Workforce Development and Continuing Education and Adult Basic Education/English as a Second Language programs are housed at the Meadowood Center.

IGT APPLIED TECHNOLOGY CENTER

475 Edison Way, Reno, NV 89502 775-856-5300

The TMCC IGT Applied Technology Center provides students with education and training opportunities in industrial technologies. The center's mission, "to provide world-class training for a technically skilled workforce and guarantee results through student successes," is driven by a faculty and staff who believe in delivering quality education that leads to high-wage, high-skill jobs.

TMCC/NELL J. REDFIELD FOUNDATION

PERFORMING ARTS CENTER

505 Keystone Avenue, Reno, NV 89503 775-789-5671

TMCC HIGH TECH CENTER AT REDFIELD

18600 Wedge Parkway, Building B, Reno, NV 89511 775-850-4000

STRATEGIC GOALS

Achieving Student Success	To foster an institutional culture that ensures easy access to and participation in programs and services essential to students' academic and personal achievement.
Academic Excellence	To foster an institutional culture that values, demands and supports excellence and learning.
Diversity	To foster an academic community that welcomes the opportunity to experience, examine and learn from diverse physical, cultural and ideological backgrounds while nurturing mutual respect.
Facilities	To provide effective and efficient development and use of facilities that are aesthetically pleasing, safe, environmentally friendly and enhance the learning experience.
Finance and Institutional Effectiveness	To achieve college goals through responsible human and fiscal resource development and management.
Strategic Partnerships	To expand current and to forge new, mutually beneficial partnerships, ensuring the vitality and relevance of our curriculum and programs, distinguishing TMCC as an integral and influential member of the community.
Technology	To develop a technology infrastructure to provide faculty, staff and students with the best practices of the industry.
Welcoming and Supportive Environment	To enhance and foster a welcoming intellectual, cultural and physical environment that is open, supportive and sensitive.

ADMISSIONS INFORMATION

Admission to the College

The open-door admission policy of TMCC encourages the entire community to become involved in the college's programs. All adults 18 years or older or those who are high school graduates or the equivalent may enroll in the college. High school students, international students and non-immigrants may also be eligible. See Appendix A for specific policies.

If you wish to enroll, submit your application online and get information about semester and registration dates, or call or visit the admissions and records office for other information about admission and registration call 775-673-7042, or visit the college at 7000 Dandini Boulevard, Reno, Nevada 89512-3999 or go online at www.tmcc.edu.

Admission to Health Science Programs

The health science programs include certified nursing assistant (CNA), dental assisting, dental hygiene, emergency medical service (EMS), nursing, paramedic, radiologic technology and veterinary technician. Admission to any of these programs is limited and requires special procedures. In order to be considered for selection into any of these programs, the applicant must satisfy certain requirements and submit the necessary application forms to the admissions and records office. The admission policies for the health science programs are listed alphabetically with the worksheets that begin on page B-1. Specific information about admission to these programs may be obtained from either the admissions and records office (775-673-7044) or health sciences division (775-673-7115). Monthly information sessions are held. Call 775-673-7115 for dates and times.

Immunization Requirements

The following programs may have specific immunization requirements: criminal justice, dental assisting, early childhood education, emergency medical services, nursing, dental hygiene and radiologic technology. Immunizations that may be required are hepatitis B, measles, mumps and rubella, tetanus and diphtheria. Contact the health sciences division at 775-673-7115 for further information on specific program requirements.

Student Placement Testing

Every new student planning to register for math or English courses at TMCC must take the ACCUPLACER placement tests, which assess the basic skills in reading, writing and mathematics. These tests are provided to help students select the appropriate courses in which to register. In many cases, there are also qualifying test scores required for course enrollment. Please note that some business courses require ACCUPLACER placement test results for course enrollment.

Students with recent ACT/SAT scores (no more than one year old for math and two years for other than math) or with qualified transfer courses from other colleges, senior citizens and some others may be exempt. If you are not sure if you need to take the ACCUPLACER placement tests, contact an advisor.

If your first language is not English, you must make arrangements to take the ACCUPLACER placement tests to be assessed in English.

Before you take the ACCUPLACER placement tests, your application must be on file with admissions and records.

For a schedule of ACCUPLACER testing hours or for more information about the test, call 775-673-8241 or visit our Web site at www.tmcc.edu/studentoutreach/testing.

ACCUPLACER Retake Policy

Every student may take one math and one English placement test at no cost. All subsequent retakes are \$10 each. A student may retake the test four weeks or more after the first testing session. A maximum of two retakes will be allowed. If a student desires to retake the test beyond the set limit, written permission from the chair of the math or English department is required.

Testing Accommodations

In accordance with the ADA requirements, TMCC accommodates a wide range of documented needs through alternative formats, special testing sessions, etc. Anyone who has special needs should inquire about accommodations when registering for tests. Allow ample time for special scheduling requirements.

Developmental Courses

Developmental courses are offered for those students who have been away from school for an extended time or need review classes to build a strong foundation in English and mathematics. These courses are intended to bring the students to a level of proficiency that assures benefit from instruction in occupational or liberal arts (transfer) programs. Developmental courses are not designed to transfer or apply to a degree. Course descriptions for the following developmental courses can be found in the course descriptions section of this course catalog.

English

ENG 085	SPELLING AND VOCABULARY
ENG 090	BASIC WRITING I
ENG 097	BASIC TECHNICAL COMMUNICATIONS

English as a Second Language

ENG 081-A	ESL LISTENING AND SPEAKING
ENG 081-C	BASIC SKILLS IN READING
ENG 081-D	BASIC ESL WRITING
ENG 085	SPELLING AND VOCABULARY
ENG 088	ESL GRAMMAR
ENG 112-A	BRIDGE ESL LISTENING
ENG 112-C	BRIDGE READING SKILLS
ENG 112-D	BRIDGE ESL WRITING

Mathematics

MATH 090	CONTINUING STUDIES IN MATH
MATH 091	BASIC MATHEMATICS
MATH 093	PRE-ALGEBRA
MATH 095	ELEMENTARY ALGEBRA
MATH 096	INTERMEDIATE ALGEBRA

Advanced Standing

TMCC will accept credit from a variety of training and educational programs toward an associate degree and/or certificate of achievement. Contact the admissions and records office about how to obtain an advanced standing evaluation.

The maximum number of credits allowed for transfer from all sources is 45 credits per degree. The maximum number of credits possible in each category is:

1. advanced standing from other colleges and universities: 45 credits total.
2. advanced standing from credit by examination: 30 credits.
3. advanced standing from nontraditional sources: 15 credits or a maximum of 25% of the total credits required for the degree.

Transcripts which are received from other colleges or universities must come directly from that school to the admissions and records office to be classified as official transcripts. All other transcripts will be considered unofficial and will not be evaluated. The TMCC Transfer Credit Policy appears in Appendix C of this course catalog.

Advisement

Advising is recommended to students who are interested in programs of study leading to a degree or certificate and to students who are considering transferring their TMCC credits to a four-year institution. If you need help deciding what program of study to follow, call the advisement center at 775-673-7062 for an appointment or stop by Red Mountain 111. Call the specific department for advice on specific programs.

Honors Program

TMCC's honors program is for the student who wishes to pursue the most prestigious course of study offered at TMCC. The honors courses will be instructed at a conceptual/theoretical level that is not standard for most regular courses. Fees for the TMCC honors courses are the same as regular TMCC courses.

TMCC's honors program is coordinated with the University of Nevada, Reno and the University of Nevada, Las Vegas honors programs. Upon acceptance to the TMCC honors program, a student may complete 12 of the 30 credits to earn an honors diploma at UNR or UNLV. The type of honors courses offered at TMCC is standard in the United States; most universities should accept TMCC honors courses and credits.

Students interested in the TMCC honors program should contact Thomas Cardoza, 775-673-7160.

TMCC High School

TMCC is one of only a handful of colleges nationwide to be home to a school district high school. TMCC High School is designed for juniors and seniors who want to get a jump on their college education. This program gives high school students the opportunity to attend college while they are still in high school. Call 775-674-7660 for details.

REGISTRATION

Any person wishing to enroll for courses taught by the college must register during the scheduled registration periods using Web-Reg. Each semester, the college publishes a class schedule which includes detailed information on the courses available, registration procedures and dates, add/drop periods and the refund schedule. Previously enrolled students and new students who have attended an orientation session within the previous 12 months will be given first priority to register. New students will register according to the published schedule. Registration materials for all students will be available either online, in the class schedule or in the admissions and records office. Registration is official only when all registration fees have been paid.

Adding Classes

Students may add classes any time during the published registration period. Late starting classes may be added using the Web registration system up until the published start date of the class. Written permission of the division offering the class is required to add any class after the registration period or after the start date of the class. Students who add classes or register late become immediately responsible for the fees for these classes and should be aware that they may not be eligible for any refunds if they drop from these classes. Refunds are based on the times the class has met and not on the attendance of a particular student. See the refund policy in the Fees, Payment and Refund section of this course catalog. It is important for students to verify the accuracy of their enrollment schedules and fees any time a change is made.

Audit

A student who wishes to enroll for no credit may register as an auditor. An auditor pays regular fees and, at the discretion of the instructor, must meet all regular class requirements. A student who audits a course will not receive a grade or credit for that course. Changing from audit to credit or from credit to audit must be done by filing the necessary forms before the filing deadline printed in the current class schedule. Forms for changing to or from audit status require the student's signature and must be processed at the admissions and records office. This audit form is available on the college's Web site.

Dropping Classes

Students may use the Web registration system to drop classes up until two weeks prior to the official last day of the semester for full-term classes. Short-term and intensive classes must be dropped before the published last day of the class. Unless the class is officially dropped, the student is responsible for the fees and the instructor may assign a failing grade. It is important for students to verify the accuracy of their enrollment schedules and fees any time a change is made.

Refunds for dropping classes are based on the times the class has met and not on the attendance of a particular student. See the refund policy in the Fees, Payment and Refund section of this course catalog.

Cancellation of Classes

The college reserves the right to cancel any class. Students will automatically receive a full refund for a canceled class.

Concurrent Registration

Veterans, international students and financial aid students who are concurrently enrolled at TMCC and any other post-secondary institution must notify the admissions and records office in writing. These students must also indicate to the appropriate office which school is the parent institution and provide verification of fees paid and credits earned at the other institution.

Credit Load

All classes taken for credit constitute the total credit load for each student. The maximum number of credits a student may carry without the approval of a counselor/advisor is 17 credits during the fall/spring terms and six credits during either summer term.

Full-Time, Part-Time Students

The enrollment status of students is determined by the number of credits, excluding workforce development and continuing education credits, in which they officially enroll each semester.

- Full time: 12 credits or more.
- Three-quarter time: at least nine but fewer than 12 credits.
- Half-time: at least six but fewer than nine credits.
- Less than half-time: fewer than six credits.

Students who receive veterans' assistance and/or financial aid must refer to Appendices D and E for the specific federal enrollment requirements students must maintain to remain eligible to receive benefits.

Date of Matriculation

A student's date of matriculation is the date of the first day of instruction in the semester or term in which enrollment first occurs. Registration in continuing education courses, which are not state funded, will not cause out-of-state tuition to be assessed, nor will enrollment in these courses be included in the date of matriculation for evaluation of residence.

Pass/Withdraw Registration Option

Students enrolling for continuing education or developmental courses may elect to be graded on a pass/withdraw basis instead of the usual grading scale. Students must come to the admissions and records office to select this option. Any changes to or from the P/W option must be completed prior to the deadline published each term in the class schedule.

Satisfactory/Unsatisfactory Registration Option

1. Any student may choose to take any course on an S/U basis but no course taken for a satisfactory/unsatisfactory grade (except those offered S/U ONLY) may be used to satisfy any TMCC general education or division core requirement.
2. A maximum of six elective credits graded S/U may be used to satisfy credit requirements for any degree or certificate earned at TMCC.
3. Students must come to the admissions and records office to select this option. Any changes to or from the S/U option must be completed prior to the deadline published each term in the class schedule.
4. Instructors will issue a letter grade for every student (except for those courses offered S/U ONLY), but grades for students who enrolled with the S/U option will be converted to 'S' if the letter grade is 'A', 'B' or 'C' and to 'U' if the letter grade is 'D' or lower.
5. Courses which will be offered on an S/U basis ONLY will be approved by the curriculum committee and published as such in the class schedule. Examples of these courses would be those difficult to grade, in which experience, not mastery is the key (field trips, physical education) or in which prerequisites disallow novices from enrolling (advanced field study or practicum).

RECORDS

Change of Name, Address or MAJOR

Students can process a change of NAME by bringing legal documentation supporting the name change to the admissions and records office. A change of ADDRESS can be made on the Web, in person at the admissions and records office, by mail, by fax (775-673-7028) or by telephone (775-673-7042). To be official, a change of EMPHASIS (MAJOR) must be submitted to the admissions and records office.

While it is critical that all students keep the admissions and records office apprised of any changes, it is required of students who receive federal financial aid or veterans' benefits to keep name, address and major information current. Failure to do so could affect eligibility for continued benefits. Changes in emphasis also affect advisement and course catalog choice for graduation. When the admissions and records office becomes aware of an incorrect address through returned mail, a registration hold will be placed on the student until the address is corrected. Contact admissions and records to remove address holds.

Classification of Students

- Freshman: A student who has earned fewer than 30 credits.
Sophomore: A student who has earned 30 credits or more, but has not completed all courses and requirements for an associate degree.

Enrollment Classification

- New student: A student who has never attended an institution of higher education.
New transfer: A student who has not previously attended TMCC but has attended other institutions of higher education.
Continuing student: A student who has attended TMCC.

Enrollment Certification

Truckee Meadows Community College has authorized the National Student Clearinghouse to act as our agent for all verifications of student enrollment. Please visit the Clearinghouse online at www.studentclearinghouse.org or contact them by phone at 703-742-4200.

Challenge Examinations

An enrolled or formerly enrolled student may petition for a challenge examination in certain courses approved by the college. The credit by examination petition may be obtained from the admissions and records office. The student must complete the petition and return it with the necessary fee. It will be approved or disapproved in accordance with the policies listed in Appendix C. Upon approval by the admissions and records office, the petition will be forwarded to the department in charge of administering the challenge examination. The examination is prepared by the department of the college responsible for instruction of the course. The examination will be comprehensive in nature, covering all the basic skills required of a student completing the course in the regular manner. Lists of courses approved for challenges and related fees are available in the admissions and records office.

Degree Audit Reports

For help in schedule planning and course selection, degree-seeking students may request a degree audit report (DAR) on Web-Reg or from the admissions and records office. Students may request a free DAR once per year, unless they change their major.

Transfer students who wish to use credit earned at other institutions for their degree or certificate may request an evaluation of credits when they have all official transcripts from their former institutions on file in the admissions and records office. Students must be currently or previously enrolled to receive this service. Unofficial DARs are also available through Web-Reg. Other transcripts will not show up until an official DARS is completed. Students must have attended within last year for any DARS to be available online.

Family Educational Rights and Privacy Act

TMCC conforms to the Family Educational Rights and Privacy Act pertaining to student records and their privacy, their inspection and the appeal rights of the student. For full details about this policy, see Appendix G. In accordance with this act, TMCC designates the following student information as directory information and as such can disclose it to the public at the college's discretion: name, address, telephone number, dates of attendance, full or part-time status, degree awarded, major and date of graduation. To withhold disclosure of this directory information, the student must provide written notification to the admissions and records office using the form on page A-3 of this course catalog.

Attendance

Because instructors consider class attendance an integral part of the learning experience, students are required to attend the first class of each course in which they register and adhere to the attendance policy established by the course instructor and stated in the course syllabus. It is the students' responsibility to withdraw from classes they are unable to attend. TMCC's faculty senate approved a policy to allow instructors, at their discretion, to withdraw students for nonattendance and/or not meeting the prerequisites for a class. For policy governing religious obligations, please refer to Appendix Q.

Grade Reports

At the end of each semester, students' grades will be available on Web-Reg. Students can access the system approximately one week after the end of the term for their grades. Students who require a printed copy of the grade report can request through Web-Reg that one be mailed. To receive a complete summary of the academic history, students should request an official transcript.

Grading Scale

The following grades and marks are used at TMCC.

GRADE	GRADE POINT VALUE
A SUPERIOR	4.0
A-	3.7
B+	3.3
B ABOVE AVERAGE	3.0
B-	2.7
C+	2.3
C AVERAGE	2.0
C-	1.7
D+	1.3
D BELOW AVERAGE	1.0
D-	0.7
F FAILURE	0.0

The grade point value associated with each grade denotes how many points are accumulated for each credit earned with that grade. The grade point average is determined by dividing the sum of the grade points earned by the total number of credits earned with a regular letter grade.

Individual faculty members choose whether to use the "plus" and "minus" grades and whether to use the "F" grade or the "W" grade to indicate that a student failed to meet the requirements of the class. Students are informed of the instructor's choice of grading scale at the beginning of the class in the course syllabus. Students may not appeal the format an instructor chooses. The following marks are also part of the grading system, but carry no grade point value.

P	PASS: workforce development and continuing education, developmental, credit by exam courses or nontraditional credit only
S	SATISFACTORY: C or above
U	UNSATISFACTORY: D or below
I	INCOMPLETE
IP	IN PROGRESS
X	IN PROGRESS: courses extending beyond one semester
AD	AUDIT
W	WITHDRAWAL: student withdraws from course during the first 13 weeks; instructor withdraws student for nonattendance or not meeting prerequisites; or student attends the class but fails to meet course requirements (used by some instructors instead of the 'F' grade). Date of last attendance or the date the final grade is issued is stored in the Student Information System.
NR	NOT REPORTED: assigned by registrar pending submission of final grade by instructor

Incomplete Grades

An incomplete may be given if the student has completed a substantial portion of the class (75 percent) with at least a grade of C. There must be some verifiable, compelling reason for the lack of completion of the class. A conference between the instructor and the student should be held prior to the due date for grades at the end of the semester. A detailed statement describing the work to be completed, signed by the instructor and the department chair, must appear on the back of the official grade sheet of the instructor.

Students have one semester in which to make up assignments or examinations for a course in which they receive an incomplete. Failure to do so will result in the incomplete grade being changed to the lowest grade on the course syllabus. Summer session is not defined as a semester for this purpose. Students wishing to complete the work for a course in which they received an incomplete must make arrangements with the instructor who originally issued that incomplete.

Normal Degree Progress

Students progressing toward a degree or certificate must maintain a minimum cumulative grade point average of 2.00, which is equivalent to an average grade of C.

Retaking a Course

Students have the right to retake any course and have only the highest grade used in the computation of their total grade point average. Students will not receive duplicate credit for retaken courses. Students who are receiving financial aid or veterans' benefits should consult with the office from which they are receiving aid before retaking a course.

Satisfactory Academic Progress Policy

Students at Truckee Meadows Community College must maintain satisfactory academic progress toward a degree or certificate to remain in good standing. Students who meet the satisfactory academic progress requirements are considered to be in "good standing" status.

The college has established and will apply the following standard of academic progress to all degree-seeking (program) students. This policy applies to the general student population. Additional progress standards for millennium scholarship and financial aid recipients are applied when appropriate.

Requirements

Grade Point Average (GPA): All TMCC program students are required to maintain a minimum cumulative 2.0 GPA.

To review the policy in its entirety visit: www.tmcc.edu/vp/ss/

Semester System

Credits earned at TMCC are awarded on the basis of semester credits. A semester consists of 15 weeks. One semester credit is earned through 15 hours of classroom instruction or the equivalent.

Summer school is a self-supporting program that offers access to transferable and occupational courses, workforce development and continuing education and special summer activities. There are two 5-week terms in which most of the classes are offered although, due to content and demand for out-of-classroom work, some programs have a unique schedule and/or format. For additional information, please call the summer school office at 775-673-7812.

Transcript of Record

An official transcript is a cumulative report which contains all TMCC credit courses in which a student has been enrolled; the grades, credits and grade point summaries; the registrar's signature and the official seal of the college. An official transcript may be obtained by the student or mailed by the college upon the student's written request. The request may be mailed, faxed or submitted in person to admissions and records. Allow three business days for processing. Unofficial copies may be obtained online using Web-Reg. A student's transcript will be withheld if there is a financial or disciplinary hold on the student's record.

APPEALS

Appeal of Policy

Students appealing the application of a TMCC policy or procedure should begin the process at the associate dean of student support services office. Appeals will be accepted for review if students begin the process within six (6) months from the date of occurrence or six (6) months of when it could be reasonably assumed that the student was aware of the occurrence.

The student appeals board consists of the affirmative action officer or the designee of the president as chair, three faculty members, one counselor, two administrators, and one student. The associate dean of student enrollment services or designee, the director of admissions and records and other appropriate departmental consultants are nonvoting participants. This board meets monthly, or more frequently as needed, to hear appeals and recommend action to the vice president for academic affairs who has the final authority.

Appeal of Class Grade

Grade appeals begin with the student and instructor of the class. If the appeal is not settled with the instructor, the student must complete a formal "appeal form" and forward it to the chair or program coordinator of the appropriate academic department or division. Instructors have the responsibility and authority to establish standards and criteria for awarding grades in their classes. However, if there is some tangible evidence that an improper class grade was given, a student who wishes to appeal the grade must do so within 90 days of the official ending date of the class. Students

appealing a grade should be able to provide all tests, papers and other evidence they may have to support their appeal. If the grade appeal is not resolved with the chair, it will be forwarded to the appropriate instructional dean. The dean's decision will be final.

GRADUATION

TMCC offers four degrees: associate of arts, associate of science, associate of applied science and associate of general studies. Additionally, the college offers a certificate of achievement. Students are encouraged to read the information on each degree before making their educational decisions. Counselors and faculty advisors are available to assist individuals who want more information on college programs.

Preparation for Graduation

Students are urged to meet with a counselor or faculty advisor each semester for help in course selection and schedule planning and to evaluate progress toward graduation. Students with credit from other institutions should submit official transcripts to the admissions and records office for evaluation and request a degree audit report (DAR) as soon as possible after matriculating at TMCC.

Requirements for Graduation

A student wishing to obtain a degree or certificate of achievement from TMCC must have satisfied all the following requirements.

1. Filed an application for graduation and paid the application for graduation fee. Each student seeking an associate degree or certificate of achievement is required to submit a completed application for graduation to the admissions and records office. The application must be accompanied by the \$15 application fee before processing will begin. Deadline dates for filing these applications and payment of fees are
 - fall semester, November 1
 - spring semester, March 1
 - summer session, May 1

An additional \$5 will be charged for any application submitted after the deadline date, but not later than the last day of the semester in which the student will graduate. Students are cautioned that applying late for graduation will cause delays in the receipt of their diplomas and their name will not be published in the commencement program. The date of graduation that will appear on the student's diploma/certificate and permanent academic record is the last month of the semester in which the application for graduation is approved.

2. Completed 15 semester credits within TMCC. All graduates must have a minimum of 15 credits in residence or through distance education at TMCC for each degree pursued. Only classroom instruction is applicable. Challenge examinations, nontraditional credit, etc., do not count as resident credit. This applies to all associate degrees and certificates of achievement.
3. Maintained a minimum cumulative grade point average of 2.00. The grade point average for graduation must be at least 2.00. This grade point average is calculated by combining the grade point average of all courses taken at TMCC and the grade point average of those transfer courses used to fulfill the degree requirements. A student must also have a cumulative grade point average of 2.00 for all coursework at TMCC.
4. Met all financial and library obligations. Students will not be issued a degree or certificate of achievement if they have not met all their financial and library obligations to the Nevada System of Higher Education. If students have an outstanding debt, they may pay it at the controller's office. Library obligations can be cleared through the library.

- Completed the curriculum requirements for the degree or certificate. Students may elect to graduate under the degree requirements for the year in which they initially enrolled at TMCC in other than workforce development and continuing education courses (unless these courses are used toward their degree); the requirements for the year in which they officially declared a major at the admissions and records office; or the requirements for the year in which they will graduate as long as the course catalog selected is no more than six years old. If a degree or emphasis is offered for the first time after a student has enrolled, the student may choose the course catalog year in which the degree or emphasis was first offered. Students may not use a combination of course catalogs for graduation. Summer session is included in the previous course catalog year, i.e., summer 2005 would be under the 2004-2005 course catalog. If students interrupt their college studies for more than two consecutive semesters, including summer session, the college encourages them to meet the requirements of the course catalog year under which they will complete the requirements for the degree. Some programs require students to be graduated under the current course catalog, e.g., health sciences.

Dual Degrees

Students may earn two degrees subsequently or simultaneously, provided they satisfy the following requirements.

- File a separate application for graduation and pay the fee for each degree.
- Complete the curriculum requirements for each degree.
- Complete 15 credits in residence beyond the requirements for the first degree. This means a student must have a minimum of 75 semester credits, 30 of which were earned in residence at TMCC.
- Satisfy all additional requirements for both degrees.

See the admissions and records office for requirements for credits in residence for students earning more than one certificate of achievement.

Commencement

All graduating students are encouraged to participate in commencement exercises held at the close of the spring semester each year. At that time, all associate degrees and certificates of achievement are conferred upon the fall, spring and summer graduates for the year.

Graduation Rates

The Student Right to Know and Campus Security Act requires that TMCC make available to current and prospective students the persistence and graduation rates of first-time full-time, degree-seeking students. The average percentage of first-time, full-time students who graduate within three years of matriculating is 10.0 percent and 21.0 percent have transferred to another institution.

Since the majority of our students are not full time (only 24 percent take 12 or more credits a semester) and we know that graduation is not the only measure of success for our students, these rates do not necessarily accurately reflect the success of all of our students.

TUITION AND FEES

Fees and tuition are set by the Nevada System of Higher Education Board of Regents and are subject to change.

Tuition and Fee Schedule

The following fees are in effect for the 2007-2008 school year.

- Nevada residents: \$58.75/credit
- Good Neighbor students: \$91.50/credit
- Out-of-state students in fewer than seven credits: \$119/credit
- Out-of-state students in seven or more credits: \$58.75/credit + \$2,692.50
- Out-of-state students residing outside of Nevada and enrolled in only distance education: \$86.25/credit
- Summer school 2008, all students: \$61.75/credit

NOTE: Auditors pay the same per-credit fees.

Workforce development and continuing education courses are self-supporting and fees vary by course.

Lab and Special Fees

These fees, added to the per-credit class tuition, are found below the class listing in the class schedule.

Technology Fee

The NSHE Board of Regents approved a \$4 per credit technology fee in October 1999 which is included in the tuition listed above.

Application Fee

All new students must remit an application for admission fee. A one-time, nonrefundable application fee of \$10 is assessed at the time of first registration.

Student Accident and Health Insurance

You must be enrolled in a special number of credits to be eligible. Call the controller's office for details at 775-673-7155.

TMCC Fitness Center Fees

You can purchase a TMCC Fitness Center membership or day pass from the controller's office if you are enrolled for at least one TMCC credit, or you can use the fitness center by enrolling in a physical education class that includes time in the center. TMCC faculty and staff may also use the center. For membership fees and hours of operation, contact the fitness center at 775-674-7974.

UNR Lombardi Recreation Fees

TMCC students enrolled in seven or more credits may purchase a semester pass to the Lombardi Fitness Center at UNR. Please call the Lombardi Center at 784-4041 for more information.

Good Neighbor Tuition

If you live in a neighboring California county, you may be eligible for the Good Neighbor rate of \$91.50 a credit. Refer to Appendix B for details.

Nonresident Tuition

Students classified as nonresident students taking seven or more credits shall pay nonresident tuition (\$2,692.50/semester) plus per credit registration fees. Registration in workforce development and continuing education and summer courses, which are not state-funded, shall not cause tuition to be assessed, nor shall enrollment in workforce development and continuing education courses be included in date of matriculation for evaluation of residency.

Students who plan to register for courses with TMCC as Nevada residents must provide proof of residency according to the regulations of the Nevada System of Higher Education. This is in conformity with Sections 10.020 and 396.540, Nevada Revised Statutes. Residency requirements can be obtained from the admissions and records office. The regulations for determining residency and tuition charges are printed in Appendix B of this course catalog.

Distance Education Out-of-State Tuition

Out-of-state students enrolling in distance education classes only may be eligible for a special distance education rate of \$86.25 per credit (includes \$4 per credit technology fee). Please contact the admissions and records office for further information at 775-673-7042.

Senior Citizen Tuition

If you are 62 or older and have been a Nevada resident for six months, you qualify for this program. Tuition discounts apply only if there are seats available in a class; if the class in which you have enrolled becomes full, you must pay the full tuition. If you have turned 62 since taking your last TMCC class, notify the admissions and records office.

- There is no application fee.
- There is no per-credit charge to register for a regular course.
- You must pay all lab and special fees including the \$4 per-credit technology fee.
- You must pay 80 percent of the cost of workforce development and continuing education classes and full price for workforce development and continuing education conferences, online courses, motorcycle classes and professional/career courses. TMCC's Senior Sunshine Fund can loan supplies and books to qualified senior citizens. For details and an application, call 775-829-9010.

Western Undergraduate Exchange

WUE is the Western Undergraduate Exchange, a program of the Western Interstate Commission for Higher Education (WICHE). Through WUE, students in western states may enroll in many two-year and four-year college programs at a reduced tuition level: 150 percent of the institution's regular resident tuition. To be eligible for WUE, students must be a resident of a WICHE State. Some colleges and universities have additional criteria. For further information about specific programs in WUE contact the admissions and records office at 775-673-7042.

Workforce Development and Continuing Education Class Fees

Registration fees for each workforce development and continuing education course are variable to cover the cost of instructor's salary, supplies, equipment and overhead. Fees are payable in full at the time of registration.

METHODS OF PAYMENT

Deferred Payment of Registration Fees and Tuition

Contracts for a deferred payment plan are available to students who register in six or more academic credits in a fall or spring semester. Workforce development and continuing education classes, health insurance and health center fees are not deferrable and must be paid in full at the time of registration. The controller or any designee(s) may authorize a deferred payment plan to meet the students' needs. The deferred amount will be 50% of the total charges payable by the student. The balance is due and payable no later than Friday of the sixth week of instruction. Any unpaid balance on a deferred payment plan becomes a student's accounts receivable on the final due date and is treated as an official fee hold for future registrations and transcript privileges. A penalty fee of 10 percent (minimum \$10) will be charged on the deferred balance not paid by the due date. The director of admissions and records is authorized, if necessary, to officially withdraw a student from classes for nonpayment with the balance treated as a student's accounts receivable. (B/R 3/02)

Payment by Personal Check

Personal checks are accepted in payment of fees or bills. Checks should be made payable to the Board of Regents. Write the student's identification number on the check. The college does not furnish counter checks and checks altered in any way are not accepted. A \$25 collection fee is assessed for any check returned unpaid by the bank. The returned check and penalty fee must be paid by cash, credit card or money order. Payments made by a returned check are reversed from the student's account, leaving the balance due and payable immediately. Outstanding balances are subject to the unpaid fees and delinquent accounts policy and may result in the student being dropped from his/her classes.

Payment by Credit Card

TMCC honors MasterCard, Visa, Discover and American Express credit cards. The card holder must be present at the time of payment unless payment is on Web-Reg. When registering online, a student may use an approved credit card to pay fees. Refunds for credit card payments are issued by check only.

Payment by Mail

Checks must be received by the controller's office in time to be processed by the due dates and times. Mail to: TMCC, Controller's Office, 7000 Dandini Blvd., RDMT 318, Reno, NV 89512.

Payment in Person

Bring your payment to the controller's office or use one of TMCC's convenient drop boxes to avoid lines. Drop boxes are located at the Dandini Campus at: controller's office, room 318, Red Mountain Building and at the south entrance of the library. These boxes close at 1 p.m. on Fridays. There are also boxes located at the Meadowood Center, 5270 Neil Road; the IGT Applied Technology Center, 475 Edison Way; and Redfield Center, 18600 Wedge Parkway.

Unpaid Fees and Delinquent Accounts

If you have not completely paid all of your fees by the due date, if you are not eligible for deferred payment or if you have not signed a deferred payment form, you may be subject to a penalty fee of \$10 per day, up to a maximum of \$100 per semester. If you owe any money to the NSHE, you are ineligible to register or receive a transcript, diploma or certificate. Delinquent accounts are forwarded to a collection agency.

REFUND POLICY

The refund policy is applicable to all students in all programs and to all course registration fees for withdrawal or net credit reduction. There may be a partial or no refund if fees and/or tuition were paid either in part or whole by some financial assistance program, i.e., third party agency, scholarship, deferred payment plan, etc. The application fee is never refundable and cannot be transferred to another person or another fee. If you officially drop, you will be eligible for refund of fees (except the application fee) as follows.

- The application fee is not refundable.
- Stopping payment on a check or credit card does not constitute official withdrawal and will result in additional fees and collection costs.
- Refunds for Exceptional Circumstances

Upon presentation of documentation and approval of the president or the president's designee, a refund of the registration fees and nonresident tuition for a semester may be given upon official withdrawal made at any time during the semester in the following instances:

1. Induction of the student into the United States Armed Forces;
2. An incapacitating illness or injury which prevents the student from returning to school;
3. Death of a student;
4. Death of a spouse, child, parent or legal guardian of the student;
5. Verifiable error on the part of the institution; or
6. Other exceptional circumstances beyond the control of the institution or the student.

- Refunds are made to the student or to the contributing party in proportion to the payment of original fees made by each.
- Students are responsible for either paying for, or officially dropping from, each class in which they register, even if they do not attend. If a student fails to drop during the full-refund period, they will be responsible for all tuition and fees.
- Refund checks are issued at the end of the sixth week of instruction.

Please note: If you do not attend or stop attending classes and fail to personally drop within the full-refund period, you will be held responsible for all tuition and fees. Instructor withdrawals do not remove charges.

1. FULL-TERM courses (lasting 12 weeks or more)
 - A. 100 percent (one hundred percent) if you officially withdraw prior to the second calendar week of instruction in a semester.
 - B. 50 percent (fifty percent) if you file an official drop form prior to the end of the third calendar week of instruction in a semester.
2. SHORT-TERM courses (lasting six to 11 weeks or class sessions) or SUMMER TERM
 - A. 100% (one hundred percent) if you complete an official drop form prior to the second meeting of the class.
 - B. 50% (fifty percent) if you complete an official drop form during the first 20% (twenty percent) of the course but after the second class meeting.
3. INTENSIVE courses (lasting five or fewer weeks or class sessions)
 - A. 100% (one hundred percent) if you complete an official drop form prior to the first class meeting.
 - B. No refund after the first class meeting.
4. CANCELED courses
 - A. No action is required by the student, 100 percent refund.
5. OUT-OF-STATE TUITION (nonresident) fees shall be refunded in conformity with this schedule for load reduction to less than seven credits and/or for complete withdrawal from school.

Refund checks are issued at the end of the sixth week of instruction. Regardless of original payment method (cash, check or credit card), all student refunds are issued by check and mailed to the student's current on-file address after this date.

Workforce development and continuing education programs adhere to different refund policies. Please consult WDCE's course guide for refund details.

FINANCIAL AID, SCHOLARSHIPS AND STUDENT EMPLOYMENT

Although the student and the student's family have the primary responsibility for financing the costs of education, there is some aid available through TMCC for those families who cannot meet the total costs. This aid is available in the form of grants, loans, scholarships, student employment or a combination of these. These programs are regulated by federal (Title IV), state and campus guidelines. Most of the financial aid guidelines specify eligibility requirements, which include, but are not limited to the following.

- Be a citizen, permanent resident or other eligible noncitizen of the United States, as documented by the Department of Homeland Security.
- Have earned a high school diploma, successfully completed the GED or satisfactorily passed the ACCUPLACER test in reading comprehension, sentence skills and arithmetic.
- Be accepted to or registered in a specific degree or certificate program at the TMCC admissions and records office.
- Not be in default or owe a repayment on any Title IV loans or grants.
- Sign a statement of educational purpose stating that any Title IV program funds received will be used solely for educational purposes.
- Be enrolled in classes that will apply to the degree requirements of the declared major (not to include workforce development and continuing education classes).
- Certify that you have not been convicted of violating any federal or state drug possession or sale laws.
- Provide any other documents, as required.

Students who do not specifically meet any of the eligibility requirements may still be eligible for some types of aid and should see a financial aid officer to discuss their special circumstances.

Application Deadlines

To receive consideration for all Title IV and other financial aid funds students should apply as soon as possible beginning January 1 of each year. Awards are made on a first-come, first-served basis. Students must have a completed file and be eligible by July 1 for fall, December 1 for spring or April 15 for summer. Otherwise, they will be responsible for paying their own fees and buying their own books and supplies. If payment is not made by the date fees are due, the student will be dropped from all their classes. If a student is determined to be eligible after these dates and is enrolled, they will receive their financial aid award as a reimbursement.

Scholarship applications are available online beginning December 1 at www.tmcc.edu/finaid/scholarships.asp. The TMCC scholarship application has an annual due date of March 1. Most scholarship applicants, including continuing TMCC students, are also required to submit academic transcripts by March 1. See the scholarship Web page at www.tmcc.edu/finaid/scholarships.asp for details.

Student employment and work study positions are posted all year, but are filled according to job and fund availability and the qualifications of the applicant.

Application Process

The student may apply using the Free Application for Federal Student Aid (FAFSA) available online at www.fafsa.ed.gov. A new application must be filed each year. Students and parents may apply online for a PIN at www.pin.ed.gov to eliminate the requirement to mail in an original signature. The PIN also enables students and parents to make corrections to FAFSA information electronically. If the student chooses not to obtain and/or use this PIN, they may still apply via the Web, but it may prolong the process.

The student may then complete his/her application via the Web at www.fafsa.ed.gov. Students who require a paper application may request one from a financial aid officer. Students may mail the application to the central processor in the envelope provided with the application. Students (and/or their parents) who have questions about the application are encouraged to contact TMCC's financial aid office. Students who have a valid Student Aid Report (SAR) will automatically receive a PIN for Web application for the next award year.

If the application is submitted via the Web, students will receive an acknowledgment letter or e-mail from the Department of Education within three weeks once the signature page or application using a PIN is received. If the application is mailed to the processor, they will receive a SAR within four to six weeks. After receipt of the acknowledgment letter or SAR, students must then submit any remaining supplemental documents to the financial aid office as soon as possible.

When a student's file is complete it will contain the TMCC financial aid activation form. Students may be asked to submit additional documents. Most forms are available via the Web at <http://financialaid.tmcc.edu> and click on documents and forms. The financial aid office will interpret or determine eligibility. The student will be notified of denial in writing. File completion status and award letters are posted on Web-Reg.

The student's financial aid award cannot exceed the established need. Awards may be a combination of grants, loans, scholarships or work study. Students having unusual circumstances concerning their eligibility for financial aid are encouraged to check Appendix D to see if they should contact a financial aid officer regarding their situation.

Types of Financial Aid

Detailed information on each type of aid including requirements, satisfactory progress policies, award limitations and repayment schedules are available on the TMCC financial aid Web site at www.tmcc.edu/finaid or in Appendix D of this course catalog. Following are brief descriptions of different types of aid available.

Governor Guinn Millennium Scholarship

This scholarship is awarded by the State of Nevada Treasurer's office to all Nevada high school seniors who have met Millennium Scholarship requirements. The Millennium Scholarship value at TMCC is \$40 per credit, for a minimum of six credits, up to a maximum of 12 credits per term. Students receiving the Millennium Scholarship must be in a degree program. Remedial courses (those numbered under 100) are considered part of the credit load but are not paid for by the Millennium Scholarship. Workforce development and continuing education classes are neither considered part of the credit load nor in the completion rate. Eligible students who attend TMCC during the summer must pay for their own classes and will be reimbursed in October, provided they are making satisfactory academic progress and they either have attended the prior Spring term or are attending the current Fall term in at least six credits. For more information contact the Millennium Scholarship office by calling 888-477-2667 or check online at www.tmcc.edu/finaid/ggms.

Grants

Federal Pell Grant: this grant is funded by the federal government and awarded to eligible students who have not yet received a bachelor's degree. The amount of the grant is determined by the student's estimated family contribution (EFC). The actual award is based on the EFC, the student budget at the institution and the number of credits for which the student enrolls.

Federal Supplemental Educational Opportunity: these limited funds are for students enrolled in at least six credits who qualify for a Pell Grant. Students who apply early and show the greatest need are given preference for this grant.

Academic Competitiveness Grant: this federal grant is awarded to full-time Pell-eligible students who have completed a "rigorous secondary school program of study," as defined by the Nevada System of Higher Education (NSHE). Eligible students are U.S. citizens who are either in the first or second year of their program of study and have maintained a 3.0 GPA.

Nevada Student Incentive Grant/Leveraging Educational Assistance Partnership: these limited funds are for Nevada residents who are enrolled at least half-time (six credits) and have considerable financial need. Students who apply early and show the greatest need are given preference for this grant.

Bureau of Indian Affairs Grant: this grant is for eligible Native Americans and offered by the BIA through the individual tribes or BIA agencies. Students initiate the application process by contacting their specific tribal office.

Access State Grants and Grants-in-Aid: these limited funds are available for Nevada residents and some nonresidents enrolled at least half-time (six credits). The TMCC financial aid office determines eligibility based on need or merit.

Loans

Federal Perkins Loan: this is a long-term, low-interest loan. The TMCC financial aid office determines who is eligible and the amount of the loan. Students having exceptional need and the least ability to contribute to their own educational costs are given priority. Repayment begins 9 months after the student graduates, leaves school or drops below six credits.

Federal Stafford Loans (subsidized and unsubsidized): these are low-interest, need-based and non need-based loans, respectively, made by banks and other commercial lending institutions to students. The interest rate is fixed at 6.8%. Repayment begins six months after the student graduates, leaves school or drops below half-time (six credits). Students must have applied for financial aid with the FAFSA and be enrolled in at least six credits. To receive the separate loan application, the student must attend a group workshop. Sign up sheets for the workshops are at the financial aid reception desk. Prior to receiving their second disbursement or upon graduating, leaving school or dropping below six credits, students must attend an "exit interview" session or complete an online exit counseling at <http://studentloans.tmcc.edu>.

Federal PLUS Loan: the PLUS loan is for the parents of dependent students. The interest rate is fixed at 8.5%. Repayment of PLUS loans begins 60 days after the final disbursement of the loan check. PLUS packets are available on request from the financial aid office.

Emergency Loan: any TMCC students who are enrolled at least half-time (six credits) and whose fees have been paid or deferred may apply for a loan of a maximum of \$200. This loan must be repaid within 30 days and requires a \$1 processing fee. Students may receive one loan per term. There is a \$5 late fee for loans not paid back by the due date.

Employment

Federal and State Work Study Program: these programs provide eligible students with funds to pay hourly wages earned by working in an approved job. Students apply for financial aid using the FAFSA and are informed via an award letter on Web-Reg if they are eligible. Job listings are posted on the Web at www.tmcc.edu/finaid/employment.asp.

Regents Service Program: this state-funded work program offers students positions that require a higher level of skill or knowledge and are more directly related to their career goals. Students need not be eligible for financial aid but must meet state-mandated eligibility criteria. Positions are posted on the Web at www.tmcc.edu/finaid/employment.asp.

Student Employment: students who have not qualified for either of the work study programs may apply for on- or off-campus jobs as available. These jobs are posted on the Web at www.tmcc.edu/finaid/employment.asp.

Financial Aid Student Rights

All consumer information is available via the Web at www.tmcc.edu/finaid.

Students have an equal opportunity to receive financial aid. After making proper application, students are entitled to expect an equitable determination for eligibility of available funds. Each student's application is individually reviewed using the same evaluation criteria.

Students have the right to have access to information about all types of aid available at TMCC and minimum requirements for eligibility.

Students have a right to information regarding repayment schedules and interest rates for loans. This information is available in financial aid publications, but it is still important for students to read their own promissory notes carefully before signing.

Students have the right to appeal decisions made by the financial aid officer to the financial aid review committee.

Financial Aid Student Responsibilities

Students receiving financial aid from TMCC are required to accept certain responsibilities in order to receive their aid packages and/or maintain eligibility for continued aid awards.

Enrollment: students must be enrolled in a degree program for the number of credits stated on the TMCC activation form. Any changes may result in the loss of eligibility and a delay in aid received. Workforce development and continuing education classes are not considered part of the credit load nor in the completion rate.

FULL-TIME: If a student's award is based on full-time enrollment, the student must maintain 12 or more credits.

3/4 TIME: If a student's award is based on three-quarter-time enrollment, the student must maintain 9-11 credits.

1/2 TIME: If a student's award is based on half-time enrollment, the student must maintain 6-8 credits.

LESS THAN 1/2 TIME: If a student's award is based on less than half-time enrollment, the student must maintain 1-5 credits.

Any change in enrollment from what was stated on the TMCC financial aid activation form requires a change in enrollment form. This form is available on the Web at www.tmcc.edu/finaid. The deadline for changes to enrollment is posted at www.tmcc.edu/finaid/fees.asp. To be considered making satisfactory progress, the student must also complete the number of credits for which aid was awarded and maintain a cumulative 2.0 campus G.P.A. See Appendix D for a complete, detailed explanation of satisfactory progress.

Change of Status: students are required to notify the TMCC financial aid office in writing of any event that may alter their financial status such as a change of residency, receipt of additional educational benefits (for example, VA education benefits) or acceptance of a scholarship. If it is determined that a student received money that exceeded his/her eligibility, the student is liable for repayment of the over-awarded amount.

Students should contact the admissions and records office to report any changes in name or educational goal/major. Address changes can be made on Web-Reg. This will ensure that the student receives all correspondence from the college and meets financial aid requirements.

Proper Use of Funds: financial aid funds are to be used for education related expenses only. Direct educational costs are tuition, fees, books and supplies. Indirect educational costs include expenses for room and board, transportation and other applicable living expenses incurred while attending TMCC.

Financial Aid Refund Policy

Students receiving federal aid who completely withdraw during a refund period, as defined in this course catalog and the class schedule, will have their account analyzed and the refunded amounts returned into Title IV accounts according to federal regulations. See Appendix D.

Scholarships

TMCC Scholarships: private donors and organizations have made scholarships available to TMCC students who meet the application deadlines and the established criteria for eligibility. These criteria vary for each scholarship. Awards are determined by committee process each spring for the following year. Applications are available online at <http://scholarships.tmcc.edu> beginning December 1 and are due on March 1 of each year. Unofficial academic transcripts are required to be submitted by all applicants to the TMCC Scholarship Office by March 1 as well. TMCC scholarship policy requires students to have a minimum 2.0 cumulative GPA to qualify. They must also complete a minimum of six credits in the fall semester with a minimum 2.0 cumulative GPA in order to receive the spring portion of their award.

Agency/Off-Campus Scholarships: students who have been awarded a scholarship from an outside agency and want to apply their award to their costs of attending TMCC should have their donor contact TMCC financial aid, scholarship and student employment office. It is the student's responsibility to coordinate the disbursement process between the donor and the college.

Tribal Scholarships: these scholarships are for eligible Native Americans and offered through the individual tribes. Students initiate the application process by contacting the respective tribal office and filing the FAFSA.

Additional Information

For additional information regarding the financial aid, scholarship and student employment programs, visit the financial aid office in RDMT 315 on the Dandini Campus, phone 775-673-7072, visit us on the Web at www.tmcc.edu/finaid or chat online, Monday-Friday from 10 a.m. to 3 p.m. Financial aid officers are available to meet one-on-one with students on a drop-in basis. Please call ahead for hours of availability.

PROGRAMS AND SERVICES

TMCC's programs and services assist students and community residents in achieving their educational, career and life goals. These services enhance the educational process and assist students in overcoming the financial, personal and learning obstacles that may prevent educational and career success.

Developing Academic Skills

TMCC offers a number of programs, courses and services to help students acquire the academic skills that lead to success in college. None of the programs, courses and services outlined in this section are offered for transfer credit to the Nevada System of Higher Education universities. They will, however, provide students with the skills that could lead to a successful experience in the college's occupational and liberal arts programs. Students perceiving themselves as needing additional preparation for college are encouraged to take advantage of these opportunities. If you are not sure whether you are prepared, find out by participating in the orientation program.

Adult Basic Education and English as a Second Language

TMCC, under the auspices of the Nevada State Plan for Adult Education, provides basic literacy education for adults 17 years old or older. Instruction in basic listening, speaking, reading, writing and mathematics is offered. Individualized and group instruction is provided.

TMCC also offers English as a second language courses to assist speakers of other languages to adapt as quickly as possible to an English-language environment. Depending on their level of proficiency, students are placed in beginning, intermediate or advanced classes. For information on adult basic education or English as a second language, call 775-829-9044.

ABE Program

The college offers noncredit courses in adult basic education for adults who need to improve their skills in basic reading, writing and math. The students are tested to assess their skills before placement in the program. An individualized curriculum is provided and students receive one-on-one or small group tutoring. An eighth-grade level of reading achievement is the program goal. Call 775-829-9033 for information.

ESL Program (Basic Level)

The college offers noncredit courses in English as a second language for adults who need training in listening, speaking, reading and writing English. Students are grouped according to ability. For details, call 775-829-9044.

ESL Program (College Level)

English instruction for both transferable and nontransferable college credit is available to students enrolled in college courses. The ESL courses are designed for students whose native language is not English but who have acquired some proficiency in speaking, reading and writing. For more information, call 775-673-7244.

ESL Testing

Nonnative English speakers are strongly encouraged to have their language skills assessed prior to registering for college courses at TMCC. For assessment information, call 775-673-8241.

Citizenship Preparation

Two citizenship preparation courses are available for permanent residents who have a good command of English. Topics covered are United States history, contributions of early Americans, United States government, how democracy works in the American system and naturalization requirements. These classes are open to all permanent residents, 18 years of age or older, who have resided in the U.S. for five or more years or who qualify under the new immigration reform law. Students must be able to read and write English. For additional information, visit the Meadowood Center, room S220, or call 775-829-9044.

GED Program

TMCC's general education development (GED) preparation courses prepare students 18 years and older to pass the GED examination. Courses cover the five GED sub-sections:

- 1 - Language arts and reading
- 2 - Language arts and writing
- 3 - Science
- 4 - Social studies
- 5 - Mathematics

Orientation for the GED preparation classes is held several times each month at TMCC's Meadowood Center. For more information, call 775-829-9055.

Assessments are administered prior to enrollment and throughout the training program. TMCC uses the assessments to gauge what is needed so that the instructors can target specific areas of study. Students are eligible to enroll in the GED preparation courses upon completion of the preliminary skills analysis assessment. Courses are offered Monday through Thursday from 8:30 a.m. to 12:30 p.m. and 6 to 9 p.m.

At no charge, TMCC provides the following services in an informal classroom environment.

- pre-testing
- books and materials
- practice GED tests
- instruction in all subjects covered by the GED exam
- GED test appointments
- post-GED guidance

For information on making a GED testing appointment, call 775-829-9055 or 775-673-7060.

Tutoring and Learning Center

TMCC's main tutoring services are located in one center, the Tutoring and Learning Center. Students can receive tutoring in several subject areas, such as biology, chemistry, economics, French, math, nursing, physics, Spanish, study skills, and writing.

For information, contact the Tutoring and Learning Center in person at the TMCC Dandini Campus, VSTA B106, or by calling 775-674-7517.

The Certification Testing and On-line Training Center at TMCC

The TMCC Certification Center is authorized by both ACT and VUE to deliver national computer-delivered licensing examinations in areas such as information technology, computer applications, social work, automotive excellence, and WorkKeys employment skills verification.

The center also provides more than 3,000 affordable Internet-delivered courses in English, Spanish and French that are organized into seven major categories: computer basics, information technology, management and leadership, personal and professional development, industrial technology and safety, English as a second language and key work skills.

For more information, call 775-824-3838 (English) or 775-824-3810 (Spanish), or visit us online at www.tmcc.edu/wdce/certificationtesting/.

Advisement Center

Advisors and peer advisors are available to help plan educational programs and provide information about TMCC, its educational offerings, information on transferring to other institutions and other resources. Call 775-673-7062 for information or visit the advisement centers, Dandini Campus, Red Mountain Building, room 111 or TMCC Meadowood Center, room S302 (775-824-8617). For answers to the most frequently asked questions, visit us online at www.tmcc.edu/advisement/.

Advisement is also available at the IGT Applied Technology Center and the TMCC Redfield Center. For details, call 775-857-4974 for the IGT Applied Technology Center and 775-850-4042 for the TMCC Redfield Center.

Career Exploration/Career Center

If a student is undecided about a career choice, seeking a career change or needing to choose a major, the career center is here to help. Friendly staff are available to assist students in researching and connecting to the world of work through Internet connection and up-to-date computerized software. Students are also welcome to use the career center to research majors and gather college transfer information.

The career center offers a variety of tests to aid in identifying and exploring a student's occupational interests and personal characteristics. The results of the assessment can be useful in career planning, educational planning and self-understanding. A counselor is available on an appointment basis to discuss the meaning of scores.

In addition to the career center's many resources, students are encouraged to utilize individual counseling appointments with professional counselors and enroll in career development classes and workshops to enhance their career decisions.

The career center is located in the Red Mountain Building, room 111 and may be contacted by phoning 775-673-7063. Students may connect online to the career center at www.tmcc.edu/careercenter/ for more information.

Counseling Center

Students are encouraged to take advantage of the counseling services. The counseling program assists in establishing and achieving educational, career and life goals. Counselors are available in the counseling center to help students find self-understanding and resolve problems and concerns that might interfere with learning. Regular contact with a counselor can make progress through college smooth and successful. During each semester, the counseling center is open from 8 a.m. to 5 p.m. For information, please call 775-673-7060 or go online to the counseling center at www.tmcc.edu/counseling. Counseling appointments can also be scheduled for the TMCC Meadowood Center. Call 775-824-8617 for details.

Disability Resource Center (DRC)

TMCC provides free services and appropriate accommodations to qualified students and program participants with self-identified, documented disabilities who register at the Disability Resource Center. A two week written request is required for most services to be implemented. Alternate print materials formats, interpreting and transcription services should be requested with a minimum 60 day advance notice in order to provide timely services.

Services and accommodations will be determined on a case-by-case basis upon an individual review of supporting documentation and may include one or more of the following: note taking, test accommodations, tutoring referrals, alternate print material formats, assistive computer software, specialized equipment, interpreters, transcription, and other specialized services designed to provide equal access to participants in curricular and co-curricular activities.

For more information about services and registration, please call 775-673-7277 (TTY: 775-673-7888); come to the DRC at the Dandini Campus-Red Mountain Building, room 315; or visit the DRC website at www.tmcc.edu/drc.

ESL Students

In order to foster success for students who speak English as a second language, TMCC provides testing for appropriate class placement. It is strongly recommended that all students who speak English as a second language be tested with ACCUPLACER and advised for correct placement in classes.

International Students

Students who are not U.S. citizens or immigrants and are interested in attending classes at TMCC other than English as a Second Language (ESL) or Bridge and whose native language is other than English, must take and pass the international TOEFL (Test of English as a Foreign Language) with a minimum score of 500 on the paper-based test or 173 on the computer-based test. An exception to the TOEFL is a recommendation from the IELC (Intensive English Language Center) at the University of Nevada, Reno.

Students who are not U.S. citizens or immigrants must also meet the college placement requirements prior to registering for classes. See page A-5 for specific information. The ACCUPLACER test is available for non-native speakers so that they may enroll in English classes.

Each semester before registering for classes, all international students on TMCC I-20s must meet with the international student advisor to determine their academic schedule and enroll in 12 credits. Students who are not U.S. citizens or immigrants who are interested in attending TMCC on an F-1 visa must follow special application procedures as outlined in Appendix A, part B, section 3.

New international students must attend an orientation prior to their first semester at TMCC. This session will provide academic advisement, international student rules, regulations and responsibilities and information about services and programs at TMCC. New international students must bring their passport with a valid visa and their I-94 to the admissions and records office. International students on an F-1 visa from another school must also show proof of being enrolled in 12 credits at their parent institution. For more information, please call 775-674-7627.

Job Placement/Internship Services

Need help with the process of preparing to meet job and career challenges? Receive assistance in your job search through the job placement center. A specialist is available to help you look sharp and get hired.

A TMCC career development professional is located in the Red Mountain Building, room 111, and is available to help simplify the job search process, identify potential needs and prepare job seekers for future challenges. The placement specialist also works with students to locate suitable positions for internships. Call 775-674-7661.

QUEST Program

QUEST—Quality Education Starts at TMCC—is a first-year experience program designed to help students be successful in college right from the start. New students who sign up for QUEST will receive these services and more!

As a QUEST student, you will take four classes—English, math, college success skills and an elective during your first semester. The combination of these classes will prepare you for your courses at TMCC and beyond.

All new students enrolling in 12 or more credits and interested in the QUEST program for fall 2007 need to take the ACCUPLACER Placement Test and sign-up for a QUEST orientation at www.tmcc.edu/orientation or call Starting Point at 775-673-7111.

Re-Entry Center

The Re-Entry Center offers assistance to special populations who are returning to school and/or the workplace. The center, which is primarily funded by the college and grant programs, is dedicated to helping these individuals become economically self-sufficient through education, vocational training and enhanced job search skills. Assistance is offered through the following programs.

Perkins Educational Partnership Program: Special populations served by this program include single parents, displaced homemakers, individuals pursuing training in nontraditional occupations, economically disadvantaged, disabled and/or individuals with substantial barriers to education/employment. Those admitted to the program must be pursuing vocational education which leads to a high-skill, high-wage occupation or employment in a nontraditional field. Supporting occupational training in nontraditional fields (less than 25 percent of the workers in that field are of the student's gender) is a strong focus of this program. Services offered are academic advising, vocational assessment, counseling (personal, career, group), work experience, job placement assistance and referrals for instructional assistance and community resources. Program participants may also request financial assistance for the following: tuition, books, child care, instructional supplies and transportation costs. To qualify, candidates must present appropriate documentation of special population status.

Project Wings!: Provides assistance for economically disadvantaged single parents and displaced homemakers pursuing education or vocational training. The program aims to pair each student with organizational, corporate or private sponsors, which in turn provide various forms of assistance to the student ranging from scholarships to mentoring.

Displaced Homemaker Program of Washoe County: Displaced homemakers of any economic level may receive support services to assist them in job search and placement. Services offered by this program include: vocational assessment, personal and career counseling, support groups, referrals for community assistance, job search skills workshops, job development and placement assistance and referrals for vocational training. The program is open to any displaced homemaker. A displaced homemaker is defined as a person whose primary job was caring for the family but now through death, divorce or disability of his or her partner must become the primary wage earner. The person may have been either unemployed or underemployed during the time he or she was a homemaker, as long as the homemaker was dependent upon another person for financial support. Persons dependent upon government programs such as TANF may also qualify as displaced homemakers.

The Re-Entry Center provides a wide variety of services for special population students. For more information regarding services, eligibility standards or application procedures, please contact the office at 775-829-9041.

Services for Adults Re-Entering School

A high proportion of students at TMCC are men and women who have been out of school for a number of years and now want to explore new directions and interests in their lives. Students considering returning to school to update or acquire new skills will find an individual appointment with a counselor helpful. Support groups, classes and personal counseling are available. Self-exploration, educational planning, self-concept development, job search skills and family adjustment are emphasized. More information can be obtained from the counseling center. Call 775-673-7060.

Starting Point

Do you have a question and don't know where to turn? Visit, call or chat online with the Starting Point; everything starts here! The Starting Point, located in the student services center lobby of the Red Mountain Building, can help you as a main information center by issuing unofficial transcripts, requesting official transcripts, student IDs, changing e-mail passwords, trouble shooting online class problems, accepting admission applications, changing your address, accepting grade audit cards and goal major changes. For more details, call 775-673-7111 or visit www.tmcc.edu/startingpoint.

Transfer Services

Transfer services provide information about how classes at TMCC transfer to other schools in the Nevada System of Higher Education and elsewhere. The advisement staff will assist students in understanding transfer policies and any other difficulties concerning the transfer of credits to another NSHE school.

Students planning to transfer should make an appointment with an advisor to review degree requirements that will facilitate the transfer process to UNR and UNLV. Call 775-673-7062 or drop by room 111 in the Red Mountain Building.

Transfer agreements between UNLV and UNR and Nevada's community colleges can be found at www.tmcc.edu/advisement/transfer/agreements/.

Veterans Educational Assistance

The veterans certifying official is available to assist all those who are eligible for Montgomery G.I. Bill (MGIB) educational benefits. Veterans who are eligible for MGIB benefits and have been separated under honorable conditions have 10 years from the date of separation from active duty in which to use educational benefits. State of Nevada National Guard members and surviving spouses and children of deceased veterans or spouses and children of 100 percent disabled veterans should also contact the veterans benefits office in admissions and records to use the MGIB educational benefits.

All previous educational records, both military and civilian, must be evaluated and reported to the Veterans Administration within the first two semesters of attendance at TMCC. Forms to order both military and civilian transcripts are available in the admissions and records office.

TMCC's counseling staff is available to assist veterans in planning educational programs and choosing career options.

Veterans should inquire at the admissions and records office for certification procedures and assistance in ordering copies of their previous educational records. Call 775-673-7045.

Advanced payment is available to veterans in some instances. The appropriate documents and forms must be submitted to the admissions and records office at least 60 days in advance of the payment date.

Members of the National Guard and Reserve who want to use their educational benefits should bring their notice of basic eligibility (DD Form 2384-1) to the admissions and records office.

Veterans Upward Bound Program

The Veterans Upward Bound Program is an educational program funded by the U.S. Department of Education. It is designed to assist veterans in preparing for success in college and other postsecondary training.

Veterans Upward Bound provides a comprehensive program of support services to improve both academic and motivational skills. Services are available for college preparation and GED completion. Specific services include developmental courses to improve basic skills, tutoring, career counseling and advisement, college orientation, assistance with admissions, financial aid and referrals to other agencies. Veterans must meet program eligibility requirements.

For more information, visit the Veterans Upward Bound office at the TMCC Meadowood Center, room S303, or call 775-829-9007.

CAMPUS ORGANIZATIONS

ASTM

The Associated Students of TMCC provides a variety of programs and activities for students. The ASTM also makes recommendations and contributes opinions and information to the college about student concerns.

The organization is comprised of a board chairperson, finance director, public relations and recruitment director, communications director and nine student senators elected annually by the student body.

The purpose of the student organization is to function as the representative body of all students to

- make recommendations concerning student welfare
- recommend policies concerning campus student activities
- assist the college in planning and sponsoring student activities
- coordinate the activities of approved student organizations

Students are encouraged to participate in student government and its various activities and projects. Interested persons should contact the ASTM advisor's office at 775-673-7164 or visit RDMT 115.

Student Clubs and Organizations

Student organizations may be formed if they have as their purpose one or more of the following:

- to increase and stimulate the students' knowledge and interest in their curricular field
- to promote a feeling of fellowship among students with similar educational interests
- to sponsor educational and recreational activities
- to instill a feeling of unity and loyalty to the college

All student organizations must have an approved advisor, a constitution and bylaws and be approved by the ASTM senate and the college president. TMCC students may also participate in specified clubs and organizations of the University of Nevada, Reno. More information about clubs at UNR can be obtained from the activities office at 775-784-6589.

American Institute of
Architect Students (AIAS)

AIAS promotes excellence in architectural education, training and practice; and fosters an appreciation of architecture and related disciplines. For more information, contact advisors Ellis Antunez at 775-673-7265 or Ric Licata at 775-674-7921.

International Club

The International Club invites all TMCC students to join. The I-Club promotes diversity, unity, and acceptance. Join us for cultural activities on and off campus and learn about different customs and cultures. The club gives students an opportunity to meet and understand people from many different cultures and backgrounds and helps them to understand the world. The purpose of the International Club is to promote the understanding between American and international students; to provide a link between international students and the northern Nevada community; and to promote international and intercultural awareness through social and educational activities.

For more information on the club, please visit our Web site at www.tmcc.edu/iclub/.

InterVarsity Christian Fellowship

For information, contact advisor Chris Winslow at 775-674-7500.

Latino Unidos of Nevada Association

If interested in this club, contact the LUNA advisor at 775-673-8230 or 775-673-7154.

Phillipine United Students
Organization (PUSO)

For information, visit our Web site at www.tmcc.edu/puso/.

Phi Theta Kappa International
Honor Society for Two Year Colleges (PTK)

For information, contact advisor Craig Goodman at 775-674-7904 visit our Web site at www.tmcc.edu/ptk/.

Student American Dental
Hygienists Association (SADHA)

For information, contact advisor Julie Stage at 775-673-8279.

CAMPUS SERVICES

Bookstore

The bookstore is located in the Red Mountain Building, room 103 and is open all year long for textbooks, supplies, TMCC merchandise and great snacks to keep you going. Hours are posted on our Web site, which is open 24/7 at www.tmcc.bkstr.com. We are open extended hours at the beginning of each term.

The bookstore gladly offers refunds and exchanges. However, it is mandatory that you bring in the sales receipt, return merchandise in "like-new" purchase condition with the plastic wrap unopened (if applicable). The last day for a full refund is one week after the start of classes. After that, you will have two business days from the date of purchase to return your text. Software is not returnable if the plastic wrap or package has been opened. For more information on refunds or exchanges, contact the bookstore at 775-673-7172.

Please note: the cost of books is not included in class fees.

Child Care/Kindergarten

The E.L. Cord Child Care Center is your partner in the care and education of your child. Our NAEYC accredited center is conveniently located on TMCC's Dandini Campus. To enroll your child in care, or our licensed kindergarten program, please stop in and fill out a wait-list card.

A first and last week's tuition payment is due upon your child's registration, as well as a \$50 per child enrollment fee. The center is open weekdays from 7 a.m. to 6 p.m. Call 775-674-7515 for details and rates or stop in and pick up a brochure.

Fitness Center

The Fitness Center in RDMT 101 is available for staff and student membership, as well as selected physical education classes.

The TMCC Fitness Center provides a welcoming environment for students, faculty and staff for physical activity and general wellness. The center also promotes educational opportunities and an overall health awareness environment. To join the fitness center, purchase a membership or day pass at the controller's office or take a physical education class that requires time in the fitness center. See the current class schedule for information on those courses.

The Fitness Center has a variety of machine and free weights as well as cardio equipment. Each cardio piece has a heart rate monitor and CD/DVD player. The center also has men's and women's locker rooms with two showers, facilities and lockers. Lockers are available for rent or day use. Inquire within the fitness center for hours of operations, membership fees and locker rentals. Contact the fitness center at 775-674-7974 or visit our Web site www.tmcc.edu/fitness or stop by the center in RDMT 101.

Food Services

The cafeteria is located in RDMT 222. The coffee cart is in the Sierra Building lobby. Vending machines are available in each building.

General Access Computer Lab

The Academic Computing area within TMCC's Information Technology Operations department currently supports two open computer labs that provide free computer and Internet resources to all students, faculty and staff. The main general access computer lab, located on the Dandini Campus in the Sierra Building, room 109, contains 60 workstations. For the convenience of students at the Meadowood Center, room S124 contains 19 workstations available during limited hours. Both labs are using the Microsoft Windows operating system, in addition to most applications currently used in academic courses. Computer and Internet access is also available at the IGT Applied Technology Center e-Library.

General Access Computer Lab Hours

Typical general access computer lab hours during fall and spring semesters

- 9 a.m. to 10 p.m., Monday through Thursday
- 9 a.m. to 9 p.m., Friday
- 10 a.m. to 3 p.m., Saturday

View www.tmcc.edu/ito/Academic/GACL_Hours/gacl_hours.html for the most current general access computer lab hours.

Housing

Students from outside the Reno/Sparks area or who must relocate to attend school are encouraged to make arrangements for housing at their earliest convenience. The college does not own, operate or maintain listings of approved housing facilities for students.

Elizabeth Sturm Library and Nell J. Redfield E-Library

The TMCC libraries are committed to serving the academic and general information needs of students, staff and faculty. Reference librarians are enthusiastic and passionate about assisting students in finding and using the resources most efficient and effective in completing assignments and developing critical thinking skills and information literacy.

In a dedicated library classroom, reference librarians conduct library orientations for classes and tailor these orientations to specific disciplines. The library circulating book reference and Nevada collections support curriculum and general interest. Reference books are an excellent starting point for research. The library subscribes to online databases that provide full text access to magazine and peer-reviewed journal articles. Online databases are available on the library home page from any computer in the world linked to the Internet. Passwords are required for off-campus access to the library databases. The library houses a video collection that supports classroom instruction. Students can borrow videos for viewing in the library or at home.

Fall and spring semester Dandini campus library hours are: 8-9; Monday-Thursday; 8-5 Friday; and 10-5 on Saturday. Please contact the library for the latest summer and intersession hours. Reference librarians can also be reached online via the library Web site at www.tmcc.edu/library or by telephone at 775-674-7602 during the above hours.

Materials are checked out at the circulation desk. Patrons must have a library card to check out materials. A library card can be issued in less than ten minutes. Books may be checked out for a two week loan period and renewed twice, unless another patron has requested the item. Books can be renewed either at the library circulation desk, by telephone at 775-674-7600 or online at the book catalog link on the library Web site. Reserve items are available for library use at the circulation desk. Photocopying is available at \$.10 per page.

The main and second floors of the Dandini Campus Elizabeth Sturm Library contain ample seating and spacious tables for study. Windows from the second floor embrace panoramic views of the Truckee Meadows and Sierra Mountains. The walls of the library are adorned with the art of many local artists.

The library also has a branch at the IGT Applied Technology Center that assists the vocational-technical programs and our collaborative efforts with Washoe County School District students. For library hours and assistance, call 775-857-4960.

Library services are available on the third floor of the Meadowood Center, 5720 Neil Road. The Meadowood Center library collection includes materials that support court reporting, Adult Basic Education, ESL and grant writing. For library hours and assistance, call 775-824-3816.

Phi Theta Kappa International Honor Society for the Two-Year College

The TMCC Alpha Pi Gamma Chapter of Phi Theta Kappa was chartered in 1989. The purpose of Phi Theta Kappa is to recognize and encourage scholarship among associate degree students. To achieve this purpose, Phi Theta Kappa provides opportunity for the development of leadership and service, creates an intellectual climate to exchange ideas and ideals, enhances lively fellowship for scholars and stimulates interest in continuing academic excellence. Phi Theta Kappa has been recognizing academic achievement in two-year colleges since 1918. Invitation to membership in Phi Theta Kappa can be extended by the chapter to students enrolled in an associate degree program. The student must have completed at least 12 hours of course work, above the 100-level, leading to an associate degree and have a minimum grade point average of 3.5. Qualified students will receive a letter of invitation with specific information for the induction ceremony.

You can also receive information regarding this honor society from the associate dean of student support services office on the Dandini Campus, RDMT 120.

Recreational Facilities

Students registered in one (1) or more credits are entitled to use the TMCC Fitness Center. Check with the fitness center for current semester fees and hours, call 775-674-7974 or stop by RDMT 101.

Students registered for seven (7) or more credits at TMCC are entitled to use the facilities at the Lombardi Recreation Building, University of Nevada, Reno at specified hours upon payment of a \$67.50 per semester fee. Check the class schedule or inquire at the TMCC controller's office for current semester and wellness pass fees.

Student Accident and Health Insurance

TMCC students may elect to purchase health, supplemental health, hospitalization and accident insurance. Detailed information regarding the TMCC Student Accident and Health Insurance Plan, as well as other options, may be obtained by accessing the TMCC Web site, or by contacting the office of the associate dean of student support services at 775-673-7114 or by visiting RDMT 120.

International students on a student visa are required to purchase the TMCC Student Accident and Health Insurance Plan. Please contact the controller's office at 775-673-7155 for more information.

Student Publications

The college funds a bimonthly student newspaper, ECHO. The newspaper, which publishes seven issues each semester, is designed to inform students about the college, its functions and activities. Students interested in becoming members of the publications staff or contributing relevant articles, photographs or other materials are encouraged to contact the student publications office at 775-673-7171.

Transportation

Citifare, the public transportation system of the Reno/Sparks area is available to and from TMCC campuses and education center. Check the class locations page of the current class schedule for the Citifare routes that service specific TMCC locations. For route and schedule information, call Citifare customer service at 775-348-RIDE (775-348-7433) or visit www.citifare.com. Each individual student is responsible for transportation to the college.

UNR Student Activities Pass

TMCC students who want to participate in the Associated Students of the University of Nevada activities may do so by purchasing an ASUN activities pass at the Jot Travis Student Union. You must have a TMCC student ID card to purchase an ASUN student activities pass. The pass costs \$10 per semester and entitles the TMCC student to participate in ASUN activities at the same rate as UNR students. The pass, however, does not include athletic events.

Equity and Diversity Office

The equity and diversity office is responsible for initiating cooperation from students, faculty, staff and community members to make the college more inclusive, aware, sensitive and understanding of our diverse community environment. The areas of focus include cultural awareness, diversity training and under-represented student advocacy. The office strives to build tolerance and provide a climate of inclusiveness without regard to race, color, gender, religion, national origin, age, sexual orientation, disability, or Veteran or marital status. It also maintains a work and learning environment with a policy of zero tolerance for sexual harassment or discrimination and also provides training for all administrators, faculty and staff.

The equity and diversity office is located at 7000 Dandini Blvd., Red Mountain Building, room 208. The office hours are 8 a.m. to 5 p.m. Monday through Friday. Please call 775-673-7105 for more information.

TMCC DOES NOT DISCRIMINATE ON THE BASIS OF SEX, AGE, RACE, COLOR, RELIGION, DISABILITY, NATIONAL ORIGIN, SEXUAL ORIENTATION, MARITAL STATUS, VETERAN OR DISABLED VETERAN IN THE PROGRAMS OR ACTIVITIES THAT IT OPERATES. ALL OPERATING POLICIES OF THE COLLEGE DIRECT SUCH NONDISCRIMINATION AS IT PERTAINS TO, BUT IS NOT LIMITED TO, THE INSTRUCTIONAL PROGRAMS, STUDENT SERVICES PROGRAM, LEARNING RESOURCES SERVICES AND THE EMPLOYMENT OF ALL PROFESSIONAL, CLASSIFIED AND STUDENT EMPLOYEES.

THE COLLEGE IS IN COMPLIANCE WITH EXECUTIVE ORDER 11246, TITLE VII OF THE CIVIL RIGHTS ACT OF 1964, AS AMENDED BY THE EQUAL EMPLOYMENT OPPORTUNITY ACT OF 1972; TITLE IX REGULATION IMPLEMENTING EDUCATIONAL AMENDMENTS OF 1972; SECTION 504, REHABILITATION ACT OF 1973, THE AMERICANS WITH DISABILITIES ACT OF 1990, THE 1991 CIVIL RIGHTS ACT AND ALL OTHER FEDERAL, STATE, AND NEVADA SYSTEM OF HIGHER EDUCATION RULES, LAWS, REGULATIONS AND POLICIES.

THE EQUAL OPPORTUNITY AND AFFIRMATIVE ACTION POLICY STATEMENTS, GRIEVANCE PROCEDURES AND SEXUAL HARASSMENT POLICY CAN BE FOUND IN APPENDICES M AND N OF THIS COURSE CATALOG. ALL MATTERS OF ALLEGED DISCRIMINATION UNDER THE PREVIOUSLY CITED LAWS, REGULATIONS AND POLICIES SHOULD BE REFERRED TO THE DIRECTOR OF EQUITY AND DIVERSITY AT THE TMCC DANDINI CAMPUS, RED MOUNTAIN BUILDING, ROOM 208, OR BY CALLING 775-673-7103.



DEGREE
PROGRAMS,
ADVISORS AND
WORKSHEETS

TMCC Academic Divisions

DIVISION OF ARTS AND HUMANITIES

John Adlish, dean, 673-7219

American Sign Language	Communication
Art	Core Humanities
Dance	Developmental English
English	English as a Second Lang. (College)
Film	Foreign Languages
Graphic Communications	Humanities Journalism
Music	Philosophy
Reading	Study Skills
Theater	Writing Center

DIVISION OF SOCIAL SCIENCES AND BUSINESS

Susan Hornshaw, dean, 674-7550

Accounting	Anthropology
Business	Counseling/Personal Development
Early Childhood Education	Economics
Education	History
Management	Marketing
Mental Health	Paralegal/Law
Political Science	Psychology
QUEST	Real Estate
Sociology	Women's Studies

DIVISION OF HEALTH SCIENCES AND SAFETY

Barbara Wright-Sanders, dean, 673-7123

Criminal Justice	Culinary Arts
Dental Assisting	Dental Hygiene
Dietetic Technician	Emergency Med. Svc.
Fire Science	Military Science
No. NV Fire Academy	Nursing
Nursing Assistant	Nutrition
Paramedic	Police Academy
Radiologic Technology	

DIVISION OF MATH, SCIENCE, ENGINEERING AND TECHNOLOGY

Ted Plaggemeyer, dean, 674-7552

Architecture	Aviation
Automotive Technology	Biology
Building Inspection	Chemistry
Computer Technologies	Construction
Developmental Math	Diesel Technology
Drafting	Electronics
Engineering Technology	Environmental Science
Geology/Geography	Heating, Ventilation, Air Conditioning-Refrigeration
Industrial Systems	Manufacturing Technologies
Machining	Mathematics
Math and Science Center	Surveying
Physics	Welding
Veterinary Technology	

DIVISION OF WORKFORCE DEVELOPMENT AND CONTINUING EDUCATION

Mike Rainey, dean, 824-8611

Adult Basic Education	ACT Center
Building Trades Apprenticeships	Computer Technology
Cosmetology	Court Interpreting
Customized Training to Business	ESL (Community-based)
Floral Industry	Grant Writing
Massage	Personal Interest Noncredit Courses
Personal Trainer	Professional/Business/Career Noncredit Courses
Property Management	
Truck Driving	

TMCC Certificates, Degrees, Classes, Training and Workshops

TMCC offers associate degrees, certificates of achievement, classes, training and workshops in the following categories.

	certificate	degree	class	training	workshop	worksheet page number
Accounting				•		N/A
Administrative Assistant (AS-ADA, CT-ADM)	•	•	•			B-39, 40
Adult Basic Education				•		N/A
American Sign Language				•		N/A
Anthropology (applied) (AA-ANT, CT-DIV)	•	•	•			B-12
Apprenticeship (see specific area of interest)	•	•	•			B-15
Architectural Design Technology	•	•	•			B-21, 23
Architecture		•	•			B-18
Art			•	•		N/A
Astronomy				•		N/A
Atmospheric Science (ATMS)				•		N/A
Aviation				•	•	N/A
Baking and Pastry (CT-BAK)	•	•	•			B-60
Biology (SCI-BY)		•	•	•		B-24
Bookkeeping (CT-BKP)	•	•	•			B-26
Bricklayer Apprentice (AS-BKL, CT-BKL)	•	•	•			B-14
Builders & Contractors' Apprentice (AS-BC, CT-BC)	•	•	•			B-14
Building Inspection				•		N/A
Business (AS-BSS, CT-BUS)	•	•	•			B-28, 29
Business Applications				•	•	N/A
Business, Transfer (AA-BUS)		•				B-27
Carpenter Apprentice (AS-CAR, CT-CAR)	•	•	•			B-14
Certified Nursing Assistant (CNA)				•		N/A
Chemistry				•		B-30
Chinese				•		N/A
Cisco Networking (AS-NET, CT-NET)	•	•	•			B-33, 35
Communications				•		N/A
Community Policing & Problem Solving (AA-COP)			•			B-49
Computer Info. Technology				•		N/A
Computer Info. Tech., Computer Programming (AS-PGM)	•	•	•	•		B-32
Computer Info. Tech., Networking (AS-NET, CT-NET)	•	•	•			B-33, 35
Computer Info. Tech., Tech. Support (CS-TS)	•	•	•			B-36
Computer Info. Tech., Webmaster (AS-WEB)	•	•	•			B-34
Computer and Office Technology				•	•	N/A
Computer Science (SCI-CS)		•	•			B-37
Construction Technology	•	•	•	•		B-41
Core Humanities				•		N/A
Corrections/Probation (AS-CRP)		•	•			B-50
Cosmetology	•	•	•	•		B-47
Counseling and Personal Development				•		N/A
Criminal Justice (AA-CRJ, CT-CJ)	•	•	•			B-51, 56
Culinary Arts (AS-CLA, CT-CLA)	•	•	•	•		B-58, 59
Culinary Arts, Baking and Pastry (CT-BAK)	•	•	•	•		B-60
Customer Service				•	•	N/A
Database Applications				•		N/A
Database Development				•		N/A
Dental Assisting (AS-DEN, CT-DEN)	•	•	•			B-62, 63
Dental Hygiene (AS-DH, SCI-DH)	•	•	•			B-65, 66
Developmental Disabilities Technician (AS-MHD)	•	•	•			B-122
Diesel Technician	•	•	•			B-142
Dietetic Technician (AS-DIT)		•	•			B-69
Digital Media (CT-DGM)	•	•	•			B-105
Diversity				•	•	N/A
Diversity, Applied Anthropology (CT-DIV)	•	•	•			B-12
Drafting				•		N/A

	certificate	degree	class	training	workshop	worksheet page number
Early Childhood Education (AA-ECE)				•	•	B-71
Early Childhood Education, Director (CT-ECD)	•	•	•			B-75
Early Childhood Education, Infant/Toddler (AS-INT)	•	•	•			B-72
Early Childhood Education, Pre-School (AS-PRE)	•	•	•			B-73
Early Childhood Education, Special Ed (AS-SPE)	•	•	•			B-74
Early Childhood Education, Teacher (CT-ECT)	•	•	•			B-76, 77
Economics				•		N/A
Education, Elementary (AA-EED)		•	•			B-79
Education, Secondary (AA-SED)		•	•			B-80
Electrician Apprentice (AS-ELC, CT-ELC)	•	•	•			B-14
Electronics Technology (AS-ETE, CT-ETE)	•	•	•			B-112
Emergency Medical Technician (CT-PAR)	•	•	•			B-131
Engineering, pre-engineering (SCI-PE)		•				B-81
English				•		N/A
English as a Second Language				•	•	B-82
Environmental Science (SCI-EN)		•	•			B-83
Event Management					•	N/A
Film				•		N/A
Finance				•		N/A
Fine Arts (AA-FA)		•	•			B-85
Fine Arts, Art History (AA-ART)		•	•			B-86
Fine Arts, Music (AA-MUS, CT-MUS)	•	•	•			B-87
Fine Arts, Theater (AA-THE, CT-THE)	•	•	•			B-88
Fire Science Technology (AS-FS, CT-FS)	•	•	•			B-94, 97
Firefighter Academy (AS-FA)		•	•			B-95
Firefighter, Volunteer (CT-FV)	•	•	•			B-98
Firefighter, Wildland (AS-FW)		•	•	•		B-96
Floor Coverer Apprentice (AS-FC)	•	•	•			B-14
French				•	•	N/A
General Studies (AGS, CT-GEN)	•	•	•			B-99
Geographic Information Systems				•		N/A
Geography				•		N/A
Geology				•		N/A
German				•		N/A
Golf Course Management		•	•			B-22
Grant Writing		•	•	•		N/A
Graphic Communications (AS-GRC)		•	•			B-103
Graphic Communications, Computer Graphics (CT-GCG)	•	•	•	•		B-104
Graphic Communications, Digital Media (CT-DGM)	•	•	•			B-105
Graphic Communications, Imaging Technologies (CT-GCI)	•	•	•			B-106
Health Occupations				•		N/A
Heating, Ventilation/Air Conditioning/Refrigeration	•	•	•			B-43, 44
Hebrew				•		N/A
High Sierra Chefs Association Apprentice (AS-CHF)	•	•	•			N/A
History				•		N/A
Human Development and Family Studies				•		N/A
Humanities				•		N/A
Imaging Technology (CT-GCI)	•	•	•			B-106
Industrial Technology	•	•	•			N/A
Industrial Safety				•		N/A
Information Systems				•		N/A
Internet, Webmaster (AS-WEB)	•	•	•	•		B-34
Investigation (AS-INV)		•	•			B-52
Ironworker Apprentice (AS-IRW, CT-IRW)	•	•	•			B-14
Italian				•	•	N/A



TMCC Certificates, Degrees, Classes, Training and Workshops, cont.

TMCC offers associate degrees, certificates of achievement, classes, training and workshops in the following categories.

	Certificate	Degree	Classes	Training	Workshops	worksheet page number
Japanese			•			N/A
Journalism			•			N/A
Juvenile Justice (AS-CJJ)			•	•		B-53
Lab Technology			•			N/A
Landscape Architecture			•	•	•	B-19
Landscape Management			•	•		B-20
Law Enforcement (AS-CLE)			•	•		B-54
Legal Office Professional (CT-LP)			•	•		B-129
Management			•	•		N/A
Manufacturing			•	•	•	N/A
Manufacturing Technology/Production Systems (AS-PS)			•	•		B-113
Marketing			•	•	•	N/A
Massage			•	•	•	B-114
Mathematics			•	•		B-115
Media Internships			•	•		N/A
Medical Health Services				•		N/A
Medical Imaging, Foreign Educated Radiography (CT-MIF)	•		•			B-117
Medical Imaging, Re-Entry Radiographer (CT-MIR)	•		•			B-118
Medical Office Specialist			•			N/A
Medical Records Technology			•			N/A
Mental Health Technician (AS-MHS)			•	•		B-120
Mental Health Technician – Dev. Disabilities (AS-MHD)			•	•		B-122
Mental Health Technician – Sub. Abuse Counsel. (AS-SUB)			•	•		B-121
Mental Hygiene and Mental Retardation			•			N/A
Microcomputer Programming			•	•		N/A
Minicomputer Information Systems			•			N/A
Military Occupations (AS-MO)			•	•		B-123
Music (AA-MUS, CT-MUS)			•	•	•	B-92
Networking (AS-NET, CT-NET)			•	•	•	B-33, 35
Nursing (AS-NUR)			•	•		B-126
Nursing Assistant			•			N/A
Nutrition (AS-DIT)			•	•		B-69
Office Suites				•		N/A
Office Suites Applications			•			N/A
Operating Engineers Apprentice (AS-OPR, CT-OPR)	•		•	•		B-14
Painter/Decorator Apprentice (AS-PTR, CT-PTR)	•		•	•		B-14
Paralegal/Law (AS-PRL)			•	•		B-128
Paramedic (CT-PAR)			•	•		B-131
Personal Trainer			•	•	•	B-132
Philosophy (AA-PHL)			•	•		B-133
Phlebotomy (LTE)			•			N/A
Physical Education			•	•		N/A
Physics				•		B-134
Pipefitter Apprentice (AS-PFR, CT-PFR)	•		•	•		B-14
Plumber Apprentice (AS-PLU, CT-PLU)	•		•	•		B-14
Political Science			•			N/A
Portuguese			•			N/A
Presentation Applications			•	•		N/A
Presentation Software				•		N/A
Private Security			•			N/A
Psychology			•			N/A
Radiologic Technology (AS-RDT)			•	•		B-137
Reading			•			N/A
Real Estate			•	•		N/A
Russian			•			N/A
Senior Citizens' Silver College			•			N/A
Sheetmetal Worker Apprentice (AS-SMT, CT-SMT)	•		•	•		B-14
Small Business Management			•	•		N/A
Sociology			•			N/A
Solar Energy Technology			•			N/A
Spanish				•	•	N/A
Speech and Theater (AA-THE, CT-THE)	•		•	•		B-88, 90
Spread Sheets			•	•		N/A
Spreadsheet Applications			•			N/A
Study Skills			•	•		N/A
Surveying			•			N/A
Theater (AA-THE, CT-THE)	•		•	•		B-88, 90
Tilesetter Apprentice (AS-TST, CT-TST)	•		•	•		B-14
Transportation Technology (AS-TRA, CT-AES, CT-AMS)	•		•	•		B-140
UNR Building Maintenance Apprentice (AS-BMP, CT-BMP)	•		•	•		B-14
University Transfer (AA, SCI)			•	•		B-138
Veterinary Technician (AS-VET, CT-VET)	•		•	•		B-148
Volunteer Firefighter (CT-FV)	•		•	•		B-98
Weather (see ATMS)			•			N/A
Welding Technology (AS-WEL, CT-WEL)	•		•	•		B-45, 46
Wildland Firefighter (AS-FW)			•	•	•	B-96
Women's Studies			•			N/A
Word Processing Applications			•	•	•	N/A

Instructional Programs

Specialized programs of study for which associate degrees or certificates are granted contain a recognizable body of instruction in the program-related areas of communication, mathematics/quantitative reasoning and human relations in accordance with accreditation requirements of Northwest Association of Schools and Colleges.

Associate of Arts

The associate of arts degree is designed for students who are planning to transfer to a university to complete a bachelor of arts degree. With an associate of arts degree, students are qualified to transfer to a four-year college or university with junior standing.

Associate of Science

The associate of science degree is designed for students who are planning to transfer to a university to complete a bachelor of science degree. The associate of science degree provides the math and science background students need to transfer to a four-year college or university with junior standing.

Associate of Applied Science/Certificate of Achievement/ Occupational Programs

Occupational programs are for students who want to develop entry-level skills, to upgrade themselves in their present position or qualify for a higher position or to improve the management of their personal business affairs, family life, leisure time or recreational activities. Students majoring in occupational programs may earn an associate of applied science degree or a certificate of achievement.

Associate of General Studies

TMCC provides a variety of lifelong learning opportunities. Students seeking diversity in their education may wish to pursue an associate of general studies degree. The associate of general studies is designed for students who want to study a variety of subjects and are not planning to transfer to a university to earn a bachelor's degree. The degree does not transfer to a four-year college or university, but individual courses may transfer.

Developmental Programs

Developmental academic skills programs provide students the opportunity to upgrade their basic skills in English grammar, composition, reading, mathematics, algebra, study skills and test taking. Starting with the freshman class of 2007, students who score in developmental education must complete the requirements prior to attempting their thirtieth credit.

Course Numbering System

To assist students in identifying the types of courses available and their applicability toward degrees, the college maintains the following course numbering system that identifies a specific course by level of proficiency.

Freshman—100-199 and 100B-199B

Sophomore—200-299 and 200B-299B

Workforce Development and Continuing Education—100C-299C

Developmental Courses—001-099

TRANSFER COURSES

Courses with three-digit numbers and no letter following the number (with the exception of an "R"), such as English 101, may transfer to UNR, Nevada State College, Henderson (NSCH) and/or UNLV as one of the following.

1. An equivalent course

The TMCC course is transferable and considered to be equivalent to a comparable course at UNR, NSCH or UNLV, even though the course numbers may not be the same.

2. An elective

The TMCC course is transferable and may fulfill specific major credit requirements or may apply toward total credits needed for graduation.

B and C LETTER DESIGNATION

A course with 'B' after the course number, such as MATH 107B, either will not transfer to a Nevada university or a determination of transferability by those universities/colleges has not yet been made. Many of these courses do transfer to NCSM or GBC. The transfer institution makes the final determination.

Courses with a "C" after the course number, such as MASG 205C, indicates that the course is under the workforce development and continuing education division. The course will not transfer to a Nevada university.

Some courses will transfer for only partial credit. These are noted in the course descriptions in this catalog.

*, + and R DESIGNATION

A course with "*", "+" or "R" after the course number, such as CIT 111*, ART 107+ or HIST108R, indicates a course number that has been reused.

DEVELOPMENTAL COURSES

Developmental courses (those numbered below 100, such as ENG 090) will not transfer. Developmental courses do not apply toward any certificate or degree. Starting with the freshman class of 2007, students who score in developmental education must complete the requirements prior to attempting their thirtieth credit.

More information on transfer credit is available at the counseling and advisement center (Red Mountain 325) or admissions and records (Red Mountain 319).

University Transfer Information

TRANSFER ASSISTANCE

The Nevada System of Higher Education Transfer Guide provides information on how each course transfers within the post-secondary schools of Nevada. The TMCC-to-UNR or UNLV major transfer guides provide information on how TMCC courses and programs transfer to the various colleges and/or majors at the University of Nevada, Reno. Links to the system transfer guide and UNR major transfer guides are available on the Web at www.tmcc.edu/advisement/transfer.

Counselors are available to discuss course transfer problems to other four-year colleges and universities. Students should contact the admissions office of the college to which they wish to transfer for information regarding the acceptability of any community college course.

Students planning to transfer to UNR or UNLV should select courses using the current catalog for these universities. Nevada State College, Henderson, and Great Basin College, Elko, also offer baccalaureate degrees; students planning to transfer to one of these institutions should consult the course catalog from those schools or the statewide Web site at www.nevada.edu.

The TMCC counseling and advisement center maintains computerized access to catalogs for United States colleges and universities.

All students planning to transfer should see a counselor or faculty advisor for assistance in planning an appropriate educational program while at TMCC.

TRANSFER STATUS

A maximum of 64 credits, with an overall grade-point average of 2.0 or better, is acceptable in transfer from TMCC to the University of Nevada, Reno or Las Vegas. All courses with a three-digit number (100-299) and no letter attached, transfer to Nevada universities either as an equivalent course or elective.

'B' DESIGNATOR COURSES MAY TRANSFER OUT-OF-STATE

A TMCC course with a 'B' designator (such as MATH 107B) indicates either that the course will not transfer to a Nevada university or that the Nevada universities have not, as yet, made a determination of transfer status. All courses deemed nontransferable must be coded with 'B' designators. Courses that transfer only to the bachelor's of applied science degree may still possess 'B' designators. This does not preclude transfer to four-year colleges and universities in other states. Students intending to transfer to Great Basin College, Nevada State College or colleges out-of-state should contact the admissions office of the college to which they wish to transfer for specific information regarding the acceptability of any TMCC course. Addresses for most U.S. colleges and universities may be found in the counseling and advisement center.



UNIVERSITY ADMISSION WITHOUT H.S. REQUIREMENTS

TMCC students planning to transfer to UNR or UNLV, who did not complete the high school course requirements, may be admitted to either university upon completion of 12 semester credit hours in any general education courses which are required for the associate of arts or associate of science degrees. A minimum grade point average of 2.0 must be achieved in these classes for admission. Beginning fall 2006, transfer students will need 24 transferable credits with a minimum grade point average of 2.3 for admission. Any course listed under the general education requirements for the associate of arts or associate of science degrees, in this course catalog, is acceptable for this purpose.

UNIVERSITY ACADEMIC SUSPENSION

Students under academic suspension from Nevada universities may attend TMCC; generally six acceptable transfer credits with a 2.5 grade point average or above will satisfy requirements for readmission to UNR or UNLV. Contact an advisor at the university for specific information.

CHOICE OF COURSE CATALOG TO SATISFY GRADUATION REQUIREMENTS FOR NSHE TRANSFER STUDENTS

A student enrolled at a NSHE institution may elect to graduate under the catalog of the year of enrollment in a baccalaureate-level program or the year of graduation. Students who officially change their major with the admissions and records office may choose the course catalog of the year of the latest change of major or the year of graduation. Whichever course catalog is used, it cannot be more than 10 years old at the time of graduation from the university.

In the case of NSHE transfer students, any exceptions to this policy will be handled by the transfer center and the transfer agreement contract process. To be guaranteed the course catalog of choice upon transfer, a student must have an approved transfer agreement on file with his or her university.

NSHE institutions do not guarantee the awarding of a degree based upon the unchanged requirements of a particular course catalog. Periodic revisions of degree requirements are made because of advances in knowledge, changes in occupational qualifications or the expectations of accrediting authorities. If such revisions have occurred, the college may require a reasonable adherence to the degree requirements of a recent or current course catalog.

TRANSFER CONCERNS

Students with internal (TMCC) or external (other NSHE institutions) transfer problems should contact a counselor in the counseling and advisement center. The counselor or advisor can help with documentation or assist in scheduling an appointment with the director of counseling to determine appropriate action.

Transfer to the University of Nevada, Reno

Students may complete the core requirements and some pre-major requirements for transfer to UNR. Transfer guides for all UNR majors, listing all required courses that can be taken at TMCC, are available on the Web at www.tmcc.edu/counseling.

Students planning to transfer to UNR are encouraged to meet with an advisor to identify transferable courses for their major.

GENERAL TRANSFER CORE CURRICULUM FOR UNR

Find specific core requirements on major transfer guide.

- I. **First Year Writing Courses (3-6 credits)**
ENG 101, 102
(ENG 113, 114 for international students)
- II. **Mathematics (3-4 credits)**
MATH 120, 126 and 127,* 126 and 152, 176, 181
*NOTE: Both MATH 126 and 127 are required to satisfy core, beginning fall 2003.
- III. **Natural Science (6-8 credits)**
(Two courses with lab, one must be in biology, chemistry, geology or physics)
Group A: BIOL 100, 190, 191; CHEM 100, 121, 122, 201; GEOL 100, 101, 102; PHYS 100, 151, 152, 180 and 180L, 181 and 181L
Group B: ANTH 102; AST 104; ATMS 117; BIOL 150; ENV 100; GEOG 103; NUTR 121
- IV. **Social Science (3 credits)**
ANTH 101, 201, 202; ECON 102, 103; GEOG 106; PSC 211, 231; PSY 101; SOC 101; WS 101

- V. **Fine Arts (3 credits)**
ART 100, 160, 260, 261; HUM 101, 102, 105, 106; MUS 121, 225, 226; THTR 100, 130, 180, 210, 221

- VI. **Diversity (3 credits)**
ANTH 201, 205; ART 270; EDU 203; ENG 223, 267; HIST 208, 209, 211, 212, 227, 247; HUM 211, 225; PHIL 210; PSY 276; SOC 205, 276

VII. Core Humanities (9-12 credits)

Select one from each group.

Group A: CH 201; ENG 231*; HIST 105*; PHIL 200*

Group B: CH 202; ENG 232*; HIST 106*

Group C: CH 203; PSC 103* (or HIST 101* and one of the following: HIST 102,* 217* or PSC 208*)

* After admission and matriculation to the University of Nevada, Reno, students cannot take substitute courses for core humanities/western traditions. Student must satisfy any remaining core humanities requirements by completing the actual core humanities courses.

General Education Mission Statement

General Education at TMCC provides a coherent curriculum that consists of a rigorous foundation of interrelated academic and applied experiences that introduce students to diverse ways of thinking and of understanding the world.

General Education Goals

The goals of the general education curriculum are for students to:

- develop analytical thinking, problem-solving, and communication skills
- develop life-long learning skills and the ability to independently construct their own knowledge base
- utilize skills learned to make useful and informed life decisions
- participate in a community of learners that supports a diverse and collaborative environment for intellectual inquiry
- function successfully and effectively in a global society and workplace
- adapt to a rapidly evolving technological environment.

List of Abilities

Students who successfully complete general education requirements at TMCC will demonstrate some or all of the following abilities:

1. **Analytical thinking skills:** To develop skills and attitudes that enable one to grasp complexities in order to see relationships, similarities, and differences among ideas; to analyze one's own ideas and thoughts, as well as the ideas and thoughts of others; to draw inferences and conclusions.
2. **Communication skills:** To read with comprehension; to listen, speak, and write competently.
3. **Collaborative skills:** To develop skills and attitudes that enable one to interact effectively with others, whether one-on-one, in a small group, in an organization, or with an audience.
4. **Quantitative and scientific reasoning skills:** To reason logically, using both induction and deduction; to discern bias and subjectivity; to perform appropriate calculations; to recognize and weigh scientific evidence; to understand, evaluate, model and effectively utilize quantitative and qualitative data.
5. **Global and cultural awareness skills:** To develop a broad understanding of linguistic, political, social, environmental, religious and economic systems of the world; to increase students' understanding of the growing interdependence of nations and peoples and develop their ability to interact in multi/cross-cultural settings; to develop skills and attitudes that enable one to respect and appreciate diversity.
6. **Personal, social, and civic responsibility skills:** To develop skills and attitudes necessary to function effectively as responsible, ethical and contributing citizens of the community, state and nation.
7. **Information literacy and research skills:** To formulate relevant research questions; to find, analyze, and use information from field, print, and/or electronic sources; to evaluate the applicability of the data for a particular situation; to document properly and address questions concerning the responsible use of information.
8. **Artistic and aesthetic awareness skills:** To develop skills and acquire experiences that enable one to value, reflect upon, and appreciate the creative process and its manifestations including its role in the human experience. **Computer and Information Technology skills:** To understand computer and information technology and how it relates to the individual, society, and the environment; to use computer applications responsibly as tools for creativity, researching, organizing, problem solving, publishing, presenting, and/or communicating information and ideas.

General Education Descriptions

COMMUNICATIONS

A course of study that develops students' abilities to use the English language effectively and accurately to convey information.

CONSTITUTION

A course of study of systems of written fundamental laws and principles that prescribe the nature, functions and limitations of a government. This course must include the study of the State of Nevada Constitution and the United States Constitution.

DIVERSITY

A central theme or focus of the course must be a topic pertaining to non-western cultures or to underrepresented groups within western culture. There must be an extensive writing requirement.

The diversity requirement may be reflected in the general education requirement, core, elective or emphasis area of your degree.

The diversity requirement is required for the associate of arts (AA), associate of general studies (AGS), associate of science (AS), associate of applied science (AAS) degrees.

DIVERSITY COURSE LIST

Three credits of diversity course work is required to satisfy an associate degree granted to any TMCC student matriculating beginning fall 2001 and any term thereafter.

- AAD 201 History of the Built Environment (Same as HUM 201)
- ANTH 201 Peoples and Cultures of the World
- ANTH 205 Ethnic Groups in Contemporary Society (Same as SOC 205)
- ANTH 208 Fundamentals of Cultural Diversity
- ANTH 229 Fundamentals of Applied Anthropology
- ART 263 Survey of African, Ocean and Native American Art
- ART 270 Women in Art
- COM 285 Communication Disabilities and Film
- EDU 203 Intro to Special Education
- ENG 267 Women and Literature
- HDFS 232 Diversity in Young Children
- HIST 208 World History I
- HIST 209 World History II
- HIST 211 History of East Asia I (Same as HUM 211)
- HIST 212 History of East Asia II
- HIST 227 Introduction to Latin American History & Culture I
- HIST 247 Introduction to the History of Mexico
- HIST 289 Introduction to History of the Middle East
- HIST 291 Intro to Women's History and Literature in the U.S.
- HIST 293 Introduction to African American History I
- HIST 294 Introduction to African American History II
- HUM 201 History of the Built Environment (Same as AAD 201)
- HUM 211 Survey of Chinese Culture (Same as HIST 211)
- HUM 225 A Cultural Perspective: Spain...New Mexico (Same as SPAN 225)
- HUM 260 American Indian Literature and Culture
- NRES 211 Conservation, Humans and Biodiversity
- NUTR 253 Cultural Considerations in Nutr and Health Care
- PHIL 210 World Religions
- PSY 276 Aging in Modern American Society (Same as SOC 276)
- SOC 205 Ethnic Groups in Contemporary Societies (Same as ANTH 205)
- SOC 276 Aging in Modern American Society (Same as PSY 276)
- SPAN 225 A Cultural Perspective: Spain...New Mexico (Same as HUM 225)
- THTR 210 Theater: A Cultural Context

ENGLISH

A course of study in English composition, language and/or literature.

FINE ARTS

Any of the visual art forms that include the appreciation of drawing, painting, photography, sculpture and ceramics as well as the appreciation of the performing and literary arts that include creative writing, music, drama and dance.

HUMANITIES

A course of study that refers to the humanizing influences of civilization from ancient times to the present day and continues the development of the individual's cultural base.

HUMAN RELATIONS

Refers literally to all interactions among two or more people. Courses shall include, promote or develop a minimum of 75 percent of the following using experiential pedagogy:

- ½ methods and techniques of developing self-actualizing behavior
- ½ communications skills
- ½ improvement or enhancement of one's self-concept
- ½ methods of overcoming self-defeating behaviors
- ½ improving work habits
- ½ methods of dealing positively with personal, societal, employment and family relationships
- ½ motivation and leadership skills
- ½ promoting personal growth

MATHEMATICS

A course of study in the science of expressing and studying the relationships between quantities and magnitudes as represented by numbers and symbols. Mathematics is the language of science and the science of patterns and structures.

SCIENCE

A course of study of the knowledge covering general truths and/or the operation of general laws of nature as established through the scientific method.

SOCIAL SCIENCES

A course of study that explores the functioning of society and the human relations of individuals as members of society.



University Transfer Degrees

Associate of Arts • Associate of Science

The Associate of Arts(AA) and the Associate of Science(AS) degrees are primarily for students planning to transfer with junior standing to a four-year college or university for a baccalaureate degree.

Students may choose to complete:

- A designated course of study (such as an AA in Fine Arts or an AS in Environmental Science). Such courses of study may have specific general education and/or additional core requirements. Please consult the appropriate page(s) in this catalog for course requirements.
- An emphasis of at least 15 credits in a concentrated set of courses selected to prepare students for the rigors of a designated major at a four year institution and/or initial placement into employment within the chosen field. Please consult the appropriate page(s) in this catalog for course requirements.
- An AA-General or AS-General in which any approved university transfer course fulfills the general elective course requirements. However, students are also encouraged to follow a recommended course sequence designed to facilitate a smooth transfer into a major at a four year institution of their choice. Such recommendations are also included in this catalog under the appropriate discipline.

Satisfactory completion of an AA or AS degree guarantees completion of the lower division general education requirements at UNR, UNLV or NSC. Students intending to transfer to other schools should see a counselor or follow the catalog of the transfer. Courses with a 'B', 'C', or 'D' designator after the course number (such as MATH 108B) and courses with a number under 100 (such as ENG 095) are not applicable toward either degree.

Associate of Arts

General Education Requirements

DIVERSITY (3 CREDITS)

See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

Choose from ART 100, 160, 260*, 261*, 263, 264, 265, 270, 295, 296, 297, DAN 138 or 139, ENG 220 or 221, HUM 101, 102, 105 or 106, MUS 101, 121, 225 or 226, THTR 100, 105, 180, 200, 205, 206, 207, 209, 210, 231, 235, or 258

HUMANITIES 6 CREDITS

Choose courses 100-level or above from the following areas (courses with B designation do not transfer to UNR): AAD 201, American sign language, ART 160, 260*, 261*, 263, 264, 265, 270, 295 and 296, DAN 138 or 139, English (except ENG 101, 102, 107, 108, 112D, 113, 114, 181 and 297), foreign languages, HIST 105, 106, 208, 209, 227, 247, humanities, MUS 121, 125, 225, 226, philosophy, THTR 100, 209, 210, 231, and 258, CH 201, 202 and 203

MATHEMATICS 3 CREDITS

MATH 120, 126, 127, 152, 176, 181, 182, 283 or 285

SCIENCE 3 CREDITS

Choose any course 100-level or above (except those with a 'B' designator) from the following areas provided that a lab is included: ANTH 102, astronomy, ATMS 117, biology, chemistry, environmental science, GEOG 103, geology, NUTR 121 and PHYS 100, 151, 152, 180 and 180L or 181 and 181L

SOCIAL SCIENCES 9 CREDITS

Choose any courses 100-level or above from the following areas (exceptions noted): anthropology (except ANTH 102), CRJ 101, 220 or 230, economics, EDU 201, 202 or 203, geography (except GEOG 103), HDF5 201 or 202, history, JOUR 101, political science, psychology, sociology, CH 201, 202 or 203

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

Choose one or two courses from the following. If two courses covering both constitutions are completed, three credits may apply toward social sciences or elective requirements. PSC 103 (both constitutions), CH 203 (both constitutions), HIST 101 and 102 or HIST 101 and 217 or HIST 101 and PSC 208

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

TOTAL ELECTIVE REQUIREMENTS 27 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Associate of Science

The Associate of Science degree is designed to help students use the methods of observation, special analysis and logic by which we understand the mathematical, biological and physical nature of the world.

General Education Requirements

DIVERSITY (3 CREDITS)

See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

Choose from ART 100, 160, 260*, 261*, 263, 264, 265, 270, 295, 296 or 297, DAN 138 or 139, ENG 220 or 221, HUM 101, 102, 105 or 106, MUS 101, 121, 225 or 226, THTR 100, 105, 180, 200, 205, 206, 207, 209, 210, 231, 235, or 258

HUMANITIES 3 CREDITS

Choose courses 100-level or above (except those with a 'B' designator) from the following areas (exceptions noted): AAD 201 or HUM 201, American sign language, ART 160, 260*, 261* and 265, DAN 138 or 139, English (except ENG 101, 102, 107, 108, 112D, 113, 114, 181 and 297), foreign languages (except those with a 'B' designator), HIST 105, 106, 208, 209, 227 and 247, humanities, MUS 121, 225 and 226, philosophy, THTR 100, 209, 210, 231, or 258, CH 201, 202, 203

MATHEMATICS 6 CREDITS

MATH 126, 127, 152, 176, 181, 182, 283 or 285

SCIENCE 12 CREDITS

Choose any courses 100-level or above (except those with a 'B' designator) from the following areas provided that a lab is included: ANTH 102, astronomy, ATMS 117, biology, chemistry, environmental science, GEOG 103, geology, NUTR 121 and PHYS 100, 151, 152, 180 and 180L or 181 and 181L

SOCIAL SCIENCES 6 CREDITS

Choose any courses 100-level or above (except those with a 'B' designator) from the following areas (exceptions noted): anthropology (except ANTH 102), CRJ 101, 220 or 230, economics, EDU 201, 202 or 203, geography (except GEOG 103), HDF5 201 or 202, history, JOUR 101, political science, psychology, sociology, CH 201, 202 or 203

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

Choose one or two courses from the following. If two courses covering both constitutions are completed, three credits may apply toward social sciences or elective requirements. PSC 103 (both constitutions), CH 203 (both constitutions), HIST 101 and 102 or HIST 101 and 217 or HIST 101 and PSC 208

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

TOTAL ELECTIVE REQUIREMENTS 21 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Occupational and/or Technological Degrees

Associate of Applied Science

The Associate of Applied Science degree is designed for those students who desire a two-year course of study and training in an occupational and/or technological career field. Occupational courses with a 'B' designator do not usually transfer toward baccalaureate degrees. Occupational courses without the 'B' designator can be applied as electives toward an associate of arts or associate of science degree and may transfer to institutions granting baccalaureate degrees. The transferability decision rests with the receiving institution. Developmental courses, (courses numbered less than 100), do not transfer and do not count toward any TMCC degree.

General Education Requirements

DIVERSITY _____ (3 CREDITS)

See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH/COMMUNICATIONS _____ 6 CREDITS

Choose one course from each group.

English—BUS 106 or 108, ENG 101, 102, 107, 108, 113, 114 or 181, JOUR 102 or 221.

Communications—BUS 107, CPD 117, 201 or 202, ENG 101, 102, 107, 108, 113, 114, 220 or 221, JOUR 221, COM 113 or 135, THTR 160, 161, 200

HUMAN RELATIONS _____ 3 CREDITS

Choose from CE 195B, CPD 117, 122, 124B, 126B, 129B, 132B, 133B or 218B, DA 110B, 112B or 125B*, MGT 171, 201, 212 or 235, NURS 235 or 295*, PSY 102

**Only accepted program students may take the DA or NURS options.*

QUANTITATIVE REASONING _____ 3 CREDITS

Choose from BUS 117B, COT 110B*, ECON 261 or 262, CUL 245, mathematics (100-level or above), PSY 210, SOC 210

SCIENCE _____ 6 CREDITS

Choose courses 100-level or above from the following areas: astronomy, ATMS 117, biology, chemistry, environmental science, geology, NUTR 121 or 223, physics or choose from ANTH 102 or GEOG 103

SOCIAL SCIENCES/HUMANITIES _____ 3 CREDITS

Choose any course 100-level or above from the following areas (exceptions noted): Humanities—AAD 201, American sign language, art, English (except 101, 102, 107, 108, 112D, 113 and 114), foreign languages, humanities, philosophy or choose from GRC 111B, HIST 105, 106, 208, 209, 227, 247 or 248, MUS 121, 125, 225 or 226, THTR 100, 209, 231, CH 201, 202 or 203

Social Sciences—anthropology (except ANTH 102), criminal justice, economics, geography (except GEOG 103), history, psychology, political science, sociology or choose from EDU 201, 202 or 203, HDFS 201 or 202, JOUR 101, CH 201, 202 or 203

U.S. AND NEVADA CONSTITUTIONS _____ 3 CREDITS

Choose one or two courses from the following list. If two courses cover both constitutions, three credits may apply toward social science or elective requirements. PSC 103 (both constitutions), CH 203 (both constitutions), HIST 101 and 102 or HIST 101 and PSC 208 or HIST 101 and 217

TOTAL GENERAL EDUCATION REQUIREMENTS _____ 24 CREDITS

CORE AND/OR EMPHASIS REQUIREMENTS _____ 36-56 CREDITS

See the appropriate page(s) in the catalog for specific program requirements

TOTAL DEGREE REQUIREMENTS _____ 60-96 CREDITS

Certificate of Achievement

For those desiring a shorter course of study, TMCC offers certificates of achievement in many occupational areas. Certificate of achievement candidates must meet all the general graduation requirements in addition to the specific courses outlined for the program. The maximum number of cooperative education credits that can be applied to a certificate is 16. Only six credits of Special Topics 198B can be applied to a certificate.

General Education Requirements

COMMUNICATIONS _____ 3 CREDITS

HUMAN RELATIONS** _____ 3 CREDITS

QUANTITATIVE REASONING** _____ 3 CREDITS

*** Human relations and quantitative reasoning skills may be embedded in other required courses for a certificate rather than required as specific general education courses.*

TOTAL GENERAL EDUCATION REQUIREMENTS _____ 9 CREDITS

CORE REQUIREMENTS _____ 21 CREDITS

See the appropriate page(s) in the catalog for specific program requirements

TOTAL CERTIFICATE REQUIREMENTS _____ 30 CREDITS*

** A minimum of 30 credits is required for any certificate of achievement, although the exact number of credits required may differ with particular subject matter.*



General Studies Degree

Associate of General Studies

The purpose of the Associate of General Studies degree is to provide academic knowledge and skills for personal growth and professional advancement. Although it was not designed for transfer, it can be used for this purpose if courses are selected carefully. Courses with a 'B' designator do not usually transfer toward baccalaureate degrees

General Education Requirements

COMPUTER SCIENCE 3 CREDITS
Choose from COT 201B, 202B, 204 or 206, IS 101 or 115, CIT 133*

DIVERSITY (3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH/COMMUNICATIONS 9 CREDITS
Choose from the following list; note that at least six credits must be from communications.
English—BUS 106 or 108, ENG 101, 102, 107, 108, 113, 114 or 181, JOUR 221, THTR 225B, 252, 253
Communications—BUS 107, CPD 117, 201 or 202, ENG 101, 102, 107, 108, 113, 114, 220 or 221, JOUR 221, COM 113, THTR 160, 161, 200

FINE ARTS 3 CREDITS
Choose from art (any course 100-level or above), DAN 138 or 139, ENG 220 or 221, HUM 101, 102, 105 or 106, MUS 101, 121, 225 or 226, THTR 100, 105, 200, 205, 206, 209, 210, 235, 258

HUMANITIES 3 CREDITS
Choose any course 100-level or above from AAD 201 or HUM 201, American sign language, art, English (except 101, 102, 107, 108, 112, 113 or 114) foreign languages, humanities, philosophy or choose from DAN 138 or 139, HIST 105, 106, 208, 209, 227 or 247, MUS 121, 125, 225 or 226, THTR 100, 209, 210, 231, or 258, CH 201, 202 or 203

HUMAN RELATIONS 3 CREDITS
Choose from CE 195B, CPD 117, 122, 124B, 126B, 129B, 132B, 133B or 218B, MGT 171, 201, 212 or 235, PSY 102

QUANTITATIVE REASONING 3 CREDITS
Choose any course 100-level or above from accounting, mathematics or choose from BUS 117B, CIT 131*, 132, COT 110B*, 266, CUL 245, ECON 261 or 262, PSY 210, SOC 210

SCIENCE 3 CREDITS
Choose any course 100-level or above from astronomy, ATMS 117, biology, chemistry, environment, geology, NUTR 121 or 223, physics or choose from ANTH 102, GEOG 103

SOCIAL SCIENCES 3 CREDITS
Choose any course 100-level or above from the following areas (exceptions noted): anthropology (except ANTH 102), criminal justice, economics, geography (except GEOG 103), history, political science, psychology, sociology or choose from ECE 102, EDU 201, 202, 203, HDFS 201 or 202, JOUR 101, CH 201, 202 or 203

U.S. AND NEVADA CONSTITUTION 3 CREDITS
Choose one or two courses from the following list. If two courses cover both constitutions, three credits may apply toward social science or elective requirements. PSC 103 (both constitutions), CH 203 (both constitutions), HIST 101 and 102 or HIST 101 and 217 or HIST 101 and PSC 208

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

ELECTIVE REQUIREMENTS 27 CREDITS

Great latitude is allowed in the selection of the 27 elective credits. Choice of credits can focus on one area alone or from any combination of occupational or general courses. Developmental courses (numbered less than 100) cannot be applied to any degree or certificate. Credits earned in many WDCE "C" courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the associate of general studies degree. Please check with a TMCC advisor for further information. The WDCE "C" courses may not be counted for financial aid credit requirements.

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Certificate of Achievement General Studies

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

ENGLISH/COMMUNICATIONS 6 CREDITS
Choose from BUS 106, 107 or 108, ENG 101, 102, 107, 108, 113, 114, 181, 220 or 221, JOUR 221, COM 113 or 135, THTR 160, 161, 200, 225B, 252, 253, 258

FINE ARTS/HUMANITIES 3 CREDITS
Choose any course 100-level or above from AAD 201 or HUM 201, American sign language, art, English (except ENG 101, 102, 107, 108, 112, 113 or 114), foreign languages, humanities or philosophy or choose from DAN 138 or 139, GRC 111B, HIST 105, 106, 208, 209, 227 or 247, MUS 101, 121, 125, 225 or 226, THTR 100, 105, 200, 205, 206, 207, 209, 210, 231, 235, or 258, CH 201, 202 or 203

HUMAN RELATIONS 3 CREDITS
Choose from CE 195B, CPD 117, 122, 124B, 126B, 129B, 132B, 133B or 218B, MGT 171, 201, 212 or 235, PSY 102

**SCIENCE/QUANTITATIVE REASONING/
COMPUTER SCIENCE** 3 CREDITS

Choose any course 100-level or above from the following areas: accounting, astronomy, ATMS 117, biology, chemistry, environmental science, geology, mathematics, NUTR 121 or 223, physics or choose from ANTH 102, BUS 117B, CIT 110, 130, 131*, 132, 133*, 153, 171, 173, 211 or 212, COT 110B*, CSCO 120, CUL 245, ECON 261 or 262, GEOG 103, IS 101, 115 or 201, MGT 201, PSY 210, SOC 210

SOCIAL SCIENCE 3 CREDITS
Choose any course 100-level or above from the following areas (exceptions noted): anthropology (except ANTH 102), criminal justice, economics, geography (except GEOG 103), history, psychology, political science, sociology or choose from ECE 102, EDU 201, 202 or 203, HDFS 201 or 202, JOUR 101, CH 201, 202 or 203

TOTAL GENERAL EDUCATION REQUIREMENTS 18 CREDITS

ELECTIVE REQUIREMENTS 12 CREDITS

Great latitude is allowed in the selection of the 12 elective credits. Choice of credits can focus on one area alone or from any combination of occupational or general courses. Developmental courses, those numbered less than 100, cannot be applied to any degree or certificate. Credits earned in many WDCE "C" courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the associate of general studies degree. Please check with a TMCC advisor for further information. The WDCE "C" courses may not be counted for financial aid credit requirements.

TOTAL CERTIFICATE REQUIREMENTS 30 CREDITS

Special Academic Programs

College Tech Prep

Tech Prep is a federally funded program within the Carl D. Perkins Career and Technical Education Improvement Act of 2006. The Washoe Tech Prep Consortium consists of Washoe County School District, Truckee Meadows Community College and Sierra Nevada Job Corps. The program is monitored by the Nevada Department of Education. Tech Prep classes are taught by high school teachers at the high school.

Tech Prep classes are offered to juniors and seniors in Washoe County School District who are enrolled in an articulated class. Students enrolled in the Sierra Nevada Job Corps may also enroll in an articulated class and earn Tech Prep credit. An articulated class is one in which learner outcomes have been aligned between the high school and the community college. High school students who are eligible for Tech prep credit fill out an application while they are enrolled in the high school class. After the teacher reports the grade as either an A or B, the Tech Prep office reports that to the TMCC admissions and records office who records the information and prepares a transcript to be mailed to the student.

For information, please call go to techprep.tmcc.edu or call 775-857-4964.

Dual Credit

Dual credit courses are college courses that high school juniors and seniors may take for high school and college credit. Credits earned in dual credit classes may be applied toward an associate degree at TMCC, a baccalaureate degree at UNR and as an elective toward high school graduation. Students must meet college admission requirements, complete course prerequisites and have the approval of a high school principal and parent in order to enroll in dual credit courses.

Graphic Communications Workshops

In many instances employees cannot work regular semester classes into their busy schedules. To meet this need, the graphic communications department has created workshops specific to many graphics software programs and electronic applications. The following are software programs and applications currently offered:

QuarkXPress Illustrator Photoshop

Director InDesign Premier Dreamweaver

Internet Desktop Design Operating Systems

Multimedia Scanner Operation Preflight/Lino Output

Workshops are listed directly after the graphic communications class offerings in the current class schedule. The department also offers customized workshops that can be developed to meet the specific needs of companies and organizations. For more information on customized workshops, call the department at 775-674-7619 or 775-673-7266.

Honors Program

TMCC's honors program began in the fall 1999 semester. Students who have been accepted into the program can take honors designated core courses or attend regular core classes taught by an honors professor with an honors component. For students who are seeking thought provoking, academically challenging classes and who have a minimum GPA of 3.5 for college courses or 3.75 for high school work, this program may be for you. TMCC honors classes will be fully transferable, up to 12 credits, to both UNR and UNLV and most other national universities. The honors classes will be taught by the college's best faculty and will range from English to history to science to math. For additional information contact Professor Jim Roderick at 775-673-7294 or Professor Bridgett Boulton at 775-673-7223.

Internships

Internships are courses which integrate classroom study with related work experience in a student's place of employment or major field of academic interest. Theory and practice are blended by training in career-related areas of professional interest. This method of instruction serves as a testing ground to make a student's educational program more relevant and meaningful while permitting employers to identify and select well-trained personnel. Any internship:

- helps to provide greater meaning to formal education
- increases motivation for learning
- contributes to the student's development of a sense of responsibility
- provides an opportunity to move into jobs that require new skills and responsibilities
- gives the student a chance to explore specific jobs in relation to his or her capabilities
- offers preparatory opportunities to enter the working world in the student's selected professional area.

To be eligible for an internship a student must

- have completed a department's specified number of credits toward a declared degree or certificate
- have completed CE 195B (Employability Skills), MGT 212, BUS 107 or equivalent
- be available approximately 15 hours per week (for three credits) to work in a position directly related to the student's major area of study
- be able to identify, with the help of the employer and faculty coordinator, a set of job-related learning objectives that will enhance the student's career development.

Academic credit is awarded for completing the mutually agreed upon learning objectives and for a project assigned by the faculty coordinator. For students already on the job, the employer must agree to new job duties. Credit will not be awarded unless "new learning" takes place at the work site. For more information, contact your program department.

QUEST

First-year experience for college success. See page A-16.

Summer school

Summer school offers access to academic and occupational courses along with workforce development and continuing education programs. Please see page A-9.



Workforce Development and Continuing Education

<http://wdce.tmcc.edu> • 775-829-9010

Workforce Development and Continuing Education Division

WDCE is the college's one-stop resource for noncredit personal interest and professional development courses along with both credit and non-credit career education programs. In addition, WDCE customizes training for area businesses; provides adult literacy, GED and ESL training; and holds courses designed for active adults through its Silver College program.

WDCE is always looking for new instructors and courses that mirror community interests. For further details on teaching for WDCE, go to wdce.tmcc.edu and click on "Teach for Us."

Career Education Programs

For alternative career training, WDCE offers an array of programs; some of which can count toward an associate's degree or certificate in general studies.

Credit Career Education Programs

These programs can count toward a general studies degree/certificate. See the corresponding worksheets in this section.

Building Trades Apprenticeships
Cosmetology
Truck Driving—Commercial License

Non-Credit Career Education Programs*

With special permission, these programs may count toward a general studies degree/certificate. See the corresponding worksheets in this section.

Court/Judicial Reporting
Massage
Personal Trainer

Non-Credit Professional Development Certificates*

These programs do not count toward a general studies degree/certificate. Go to wdce.tmcc.edu for details on the following certificate programs.

Bilingual Office/Medical Office Worker
Court Interpreting
Grant Writing
Florist Industry
Property Management
Spanish Translation
Special Event Management

Silver College—Courses for Active Adults

Active adults—62 and older—will find that TMCC offers a wide-range of courses designed with their lifestyle in mind. Programs include writing your life story, computer and recreational courses. The Senior Sunshine Fund—a program which loans senior citizen's books and supplies and may provide tuition assistance—is available to those who are at least 62 years old and have been Nevada residents for one year. Call WDCE at 829-9010 for details.

Personal Enrichment Programs*

Students can develop their hobbies, pursue new interests and get to know their peers by choosing the region's most diverse selection of personal enrichment programs. Hundreds of courses—ranging from 2-hour to semester-length courses—are presented each year in categories such as arts, fitness, languages, dance, outdoors and photography. WDCE also conducts the TMCC Writers' Conference, Nevada Ghost Hunting and Paranormal Conference and the TMCC Photography Conference.

For those seeking academic credit and fitness at the same time, WDCE offers a wide range of physical education courses.

Professional Development Courses*

Students can develop their job skills through an array of online and onsite courses in computers/software, workplace Spanish, OSHA compliance, business skills and forklift safety. Each April, WDCE presents the TMCC Administrative Professionals' Conference to recognize the accomplishments of support staff and further their career education.

Customized Business Training

WDCE is northern Nevada's most comprehensive resource for customized training, work skills assessment and consultation services. Programs can be offered any shift, seven days a week at your company, TMCC or through online courses. For details, call 824-3811.

* Self supported classes—WDCE programs are self-supporting and funded solely through student course fees, except for cosmetology, building trades, truck driving, physical education and Silver College courses. Fees may vary for courses from semester to semester depending on the number and type of projects the division is supporting. These self-supporting courses do not lead to a TMCC associate of arts, associate of science or associate of applied science degree or certificate of achievement, but may apply toward a general studies degree or certificate with the approval of the vice president of academic affairs.

Additional Information

Credits: Noncredit units earned in the self-supporting WDCE courses may be considered nontraditional and must be approved by the vice president of academic affairs in order to be applied to the associate of general studies degree.

Students under 18:

- To register third through twelfth graders for TMCC's youth-oriented programs, sign up for the class through wdce.tmcc.edu.
- To register for WDCE self-supporting classes and conferences, call 775-829-9010.
- To register for cosmetology, truck driving, court reporting, personal trainer and massage classes, you must fill out a permission to enroll form from the admissions and records office on the Dandini Campus.

No-grade, No-credit Option: While grades are not given for most WDCE self-supporting courses, its cosmetology, truck driving, court reporting, personal trainer and massage courses record grades. Students have the option of enrolling on an audit basis if they prefer to not earn a grade. Audit students must meet the prerequisites for entry into any class, but they receive no grade and no credit for their participation. Changing from audit to credit or from credit to audit must be done by filing the necessary forms before the filing deadline printed in the current general TMCC class schedule. Forms for changing to and from audit status are processed at the admissions and records office.

Fees/Senior Citizens: If you are 62 or older and have been a Nevada resident for at least one year, you qualify for a 20 percent discount on most WDCE self-supporting courses. Discounts are not given for conferences, motorcycle training, online courses, business, career, computer or OSHA courses. You are responsible for all books and miscellaneous expenses.

Residency: WDCE self-supporting courses are exempt from the Nevada System of Higher Education regulations for determining tuition status. Individuals may enroll in these courses without having that enrollment counted as matriculation or without having those credits calculated for out-of-state tuition. Students and prospective students should read the Regulations for Tuition Charges in this course catalog.

Applied Anthropology

Associate of Arts

General Education Requirements

DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or certificate requirements.	
ENGLISH/COMMUNICATIONS	6 CREDITS
Required: ENG 101 and 102	
FINE ARTS	3 CREDITS
HUMANITIES	6 CREDITS
Recommended: three credits foreign language (Classes with a 'B' designator will not apply toward general education requirements.)	
MATHEMATICS	3 CREDITS
Required: 100- or 200-level math course (Classes with a 'B' designator will not apply toward general education requirements.)	
SCIENCE (WITH LAB)	3 CREDITS
SOCIAL SCIENCES	9 CREDITS
Choose from: any 100- or 200-level social science (not anthropology) (Classes with a 'B' designator will not apply toward general education requirements.)	
U.S. AND NEVADA CONSTITUTION	3 CREDITS
Recommended: PSC 103	
TOTAL GENERAL EDUCATION REQUIREMENTS	33 CREDITS

Core Requirements

ANTH 101	Introduction to Cultural Anthropology.....	3
ANTH 102	Introduction to Physical Anthropology.....	4
ANTH 201	Peoples and Cultures of the World.....	3
ANTH 202	Archaeology.....	3
ANTH 229	Fundamentals of Applied Anthropology.....	3
ANTH 279	Para-professional Skills in Social Science.....	3
ANTH 290B	Internship in Anthropology.....	6
PSY/SOC 210	Introduction to Statistical Methods.....	4
TOTAL CORE REQUIREMENTS	29 CREDITS	

Elective Requirements

Approved Electives.....	3
Choose from: ANTH/SOC 205, ENG 107, ENV 100 or consult with advisor/counselor.	
TOTAL ELECTIVE REQUIREMENTS	3 CREDITS
TOTAL DEGREE REQUIREMENTS	65 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Applied Anthropology/Diversity

Certificate of Achievement

General Education Requirements

ENGLISH 3 CREDITS
Recommended: ENG 107

HUMAN RELATIONS 3 CREDITS
Recommended: CPD 117, MGT 212 or PSY 102

MATHEMATICS 3 CREDITS
Recommended: MATH 120 or PSY/SOC 210

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

ANTH 101 Introduction to Cultural Anthropology 3
ANTH/SOC 205 Ethnic Groups in Contemporary Societies 3
ANTH 208 Fundamentals of Cultural Diversity 3
ANTH 229 Fundamentals of Applied Anthropology 3

TOTAL CORE REQUIREMENTS 12 CREDITS

Elective Requirements

Choose nine credits from below or consult with advisor/counselor

ANTH 201 Peoples and Cultures of the World 3
ANTH 279 Para-professional Skills in Social Science 3
ANTH 290B Internship in Anthropology 3-6
HIST 227 Introduction to Latin American History & Culture I 3
HIST 247 Introduction to the History of Mexico 3
PSC 103 Principles American Constitutional Government 3
PSC/PSY/SOC 240 Social Science Research Methods 3
PSC 250 The Politics of International Terrorism 3
PSY/SOC 276 Aging in Modern American Society 3

TOTAL ELECTIVE REQUIREMENTS 9 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 30 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Apprenticeship Program

Associate of Applied Science and Certificate of Achievement

Emphasis Area: Only indentured apprenticeship students, sponsored by local apprenticeship programs and approved by the State Apprenticeship Council are permitted to enroll into emphasis area courses. These courses are designed to provide apprentices with basic technical-trade knowledge and manual skills required in the field; such courses include trade/industry law and principles, job safety, job skill practices, tool and equipment operation and applied math applications. Within a three to five year timeframe, active TMCC apprenticeship program students complete 30 credit hours of technical-related courses; students are permitted to enroll in 10 credit hours of courses each year. By completing 10 credits each year, apprentices meet the annual standard requirement of 144 hours of training.

Current active program areas: Bricklayer, Carpenter, Electrician, Floor Coverer, UNR Building Maintenance Program (Industrial Maintenance Specialist), Ironworker, Painter/Decorator, Pipefitter, Plumber, Sheet Metal Worker, Tilesetter and Operating Engineers (Operator/Mechanics).

Technical Core: On-the-job work experience, a requirement of indentured apprenticeship programs, permits apprentice students to apply for and receive six credit hours of internship education toward a degree or certificate. In addition to internship, students in the apprenticeship program need to complete six credit hours of technical core courses.

General Education: The completion of an Associate of Applied Science Degree or a Certificate of Achievement requires apprentice students to complete general education courses: 24 credits for a degree and/or nine credits for a certificate. Apprentice students are encouraged to consider applied academic general education courses.



Apprenticeship Program

Associate of Applied Science

General Education Requirements

DIVERSITY	(3 CREDITS)
AAD 201; refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
COMMUNICATIONS	3 CREDITS
Recommended: BUS 107	
ENGLISH	3 CREDITS
Recommended: ENG 107 or BUS 106 or ENG 101	
HUMAN RELATIONS	3 CREDITS
Recommended: CE 195B or MGT 212	
QUANTITATIVE REASONING	3 CREDITS
Recommended MATH 108B or above	
SCIENCE	6 CREDITS
Recommended: GEOG 103 and ENV 100 or CHEM 100	
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
Recommended: AAD 201 or PSY 101 or PSC 231 or GEOG 106	
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
Recommended: PSC 103	

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CE 196B	Work Experience I.....	6
<i>Apprentice work experience totaling 2,000 hours will meet the Work Experience I requirement; contact the internship training office at 775-856-5302 for details.</i>		
Select two courses from the following		
CONS 103	Intro to the Uniform Building Code	3
CONS 120B	Blueprint Reading and Specification	3
COT 202B	Introduction to Computer Applications	3
WELD 101B	Basic Metals	3
OSH 101	Introduction to Safety and Health.....	3
<i>(Contact department for alternative course options for OSH 101.)</i>		

TOTAL CORE REQUIREMENTS 12 CREDITS

Emphasis Requirements

For required courses, contact the apprenticeship training office at 775-856-5302, or your sponsoring indentured apprenticeship training program.

TOTAL EMPHASIS REQUIREMENTS 30 CREDITS
TOTAL DEGREE REQUIREMENTS 66 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Apprenticeship Program

Certificate of Achievement

General Education Requirements

COMMUNICATIONS _____ 3 CREDITS
Recommended: ENG 101 or 107

HUMAN RELATIONS _____ 3 CREDITS
Recommended: CE 195B or MGT 212

QUANTITATIVE REASONING _____ 3 CREDITS
Recommended: MATH 108B or above

TOTAL GENERAL EDUCATION REQUIREMENTS _____ **9 CREDITS**

Core Requirements

CE 196B Work Experience I..... 6
Apprentice work experience totaling 2,000 hours will meet the Work Experience I requirement; contact the internship training office at 775-856-5302 for details.

TOTAL CORE REQUIREMENTS _____ **6 CREDITS**

Emphasis Requirements

For required courses, contact the apprenticeship training office at 775-856-5302 or your sponsoring indentured apprenticeship training program.

TOTAL EMPHASIS REQUIREMENTS _____ **30 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS _____ **45 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.





Architecture

An architect is a licensed professional who organizes space. Architects design houses, office buildings, skyscrapers, landscapes, and even entire cities. Architects are trained in many areas, from historic preservation to structural engineering.

Students who complete TMCC's architecture and landscape architecture associate of arts degree programs are eligible to apply to a baccalaureate degree program, including the bachelor's degree program at the University of Nevada, Las Vegas. Transferring students from TMCC would have junior standing at UNLV.

Options Available:

- Associate of Arts

 - Architecture

 - Landscape Architecture

- Associate of Applied Science

 - Architectural Design Technology

 - Golf Course Management Emphasis in Architectural Design Technology

- Certificate

 - Landscape Management

 - Architectural Design Technology

Architecture

Associate of Arts

This is a two year transferable program leading to an Associate of Arts in Architecture. The Architecture field encompasses the design philosophies, methodologies, theories, and techniques necessary to provide a basis of understanding of what it takes to become an Architect or work in the field. All courses recommended will partially satisfy the Bachelor of Science in Architecture and/or Master of Architecture at the University of Nevada, Las Vegas. Students have also applied these courses to other accredited schools of Architecture throughout the western United States, thus fulfilling the requirements for entrance into third year status.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
ENGLISH	6 CREDITS
ENG 101 and 102 or ENG 113 and 114	
FINE ARTS	3 CREDITS
Required: ART 101	
HUMANITIES	6 CREDITS
Required: AAD 201/HUM 201, PHIL 102	
MATHEMATICS	3 CREDITS
Choose from: MATH 126*, 127 or 181 * Required by UNLV	
SCIENCE	3 CREDITS
Required: PHYS 151	
SOCIAL SCIENCES/CONSTITUTION	12 CREDITS
Must include U.S. and Nevada Constitutions. Choose from the following recommended courses: PSC 103, GEOG 106, ECON 103, PSY 101, ANTH 101 or SOC 101	
TOTAL GENERAL EDUCATION REQUIREMENTS	33 CREDITS

Core Requirements

AAD 100	Introduction to Architectural Design	3
AAD 101	Design with Nature	3
AAD 125	Construction Drawings and Detailing	3
AAD 180	Fundamentals of Design I	3
AAD 181	Fundamentals of Design I Discussion	3
AAD 182	Fundamentals of Design II	3
AAD 183	Fundamentals of Design II Discussion	3
AAD 202	Analysis of the Built Environment	3
AAD 230	Design with Climate	3
AAD 265	Computer Applications in Architecture I	3
AAD 280	Fundamentals of Architecture Design I	3
AAD 282	Fundamentals of Architecture Design II	3
ADT 245B	Static and Strength of Materials	3

TOTAL CORE REQUIREMENTS	39 CREDITS
TOTAL DEGREE REQUIREMENTS	72 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Landscape Architecture

Associate of Arts

This is a two year transferable program leading to an Associate of Arts in Landscape Architecture. The Landscape Architecture field encompasses the design philosophies, methodologies, theories, skills, and techniques necessary to provide a basis of understanding of what it takes to become a Landscape Architect or work in the field of Landscape Design and Horticulture. All courses recommended will partially satisfy the Bachelor of Landscape Architecture at the University of Nevada, Las Vegas. Students have also applied these courses to other accredited schools of Landscape Architecture throughout the western United States, thus fulfilling the requirements for entrance into third year status.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
ENGLISH	6 CREDITS
Required: ENG 101 and 102 or ENG 113 and 114	
FINE ARTS	3 CREDITS
Required: ART 101	
HUMANITIES	6 CREDITS
Choose from: PHIL 102, AAD/HUM 201, AAD/HUM 202	
MATHEMATICS	3 CREDITS
Choose from: MATH 126*, 127 or 181 * Required by UNLV	
SCIENCE	3 CREDITS
Choose from: BIOL 100 or GEOG 103	
SOCIAL SCIENCES	12 CREDITS
Must include both U.S. and Nevada Constitutions. Choose from the following recommended courses: PSC 103, GEOG 106, ECON 103, PSY 101, ANTH 101 or SOC 101.	
TOTAL GENERAL EDUCATION REQUIREMENTS	33 CREDITS

Core Requirements

AAD 100	Introduction to Architectural Design	3
AAD 101	Design with Nature	3
AAD 125	Construction Drawings and Detailing	3
AAD 180	Fundamentals of Design I	3
AAD 181	Fundamentals of Design I Discussion	3
AAD 182	Fundamentals of Design II	3
AAD 183	Fundamentals of Design II Discussion	3
AAD 202	Analysis of the Built Environment	3
AAD 230	Design with Climate	3
AAD 257	Plant Materials	3
AAD 262	CAD for Landscape Architecture	3
AAD 280	Fundamentals of Architecture Design I	3
AAD 282	Fundamentals of Architecture Design II	3

TOTAL CORE REQUIREMENTS 39 CREDITS

TOTAL DEGREE REQUIREMENTS 72 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Landscape Management

Certificate of Achievement

The two year course of study for the certificate of achievement with a landscape management emphasis presents the practical field knowledge need to work within the landscape industry. The knowledge gained will prepare the students to attain certification in a variety of specialties including the International Arboriculture Society certified arborist examination and the American Nurseryman's Association certification.

General Education Requirements

COMMUNICATIONS 6 CREDITS
Required: BUS 106 and 107

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Required: BUS 117B

TOTAL GENERAL EDUCATION REQUIREMENTS **12 CREDITS**

Landscape Management Core Requirements

ADT 108	Architectural Landscaping I.....	3
ADT 168B	Landscape Management I.....	3
ADT 170B	Soil Management.....	3
ADT 172B	Turfgrass Management I.....	3
ADT 174B	Urban Tree Care I.....	3
ADT 178B	Fundamentals or Horticulture.....	3
ADT 218B	Landscape Irrigation Design.....	3
ADT 268B	Landscape Management II.....	3
ADT 274B	Urban Tree Care II.....	3

TOTAL CORE REQUIREMENTS **27 CREDITS**

Emphasis Requirements

Choose 6 from the following

ADT 270B	Greenhouse Management.....	3
CONS 110B	Surveying I.....	4
CONS 120B	Blueprint Reading and Specification.....	3

TOTAL EMPHASIS REQUIREMENTS **6 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS **45 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Architectural Design Technology

Associate of Applied Science

This is a two year program leading to an Associate of Applied Science in Architectural Design Technology. The student that completes this field of study will have the skills, knowledge and abilities to work in the field of Architecture as a Computer Aided Draftsperson, Construction field representative, Residential draftsperson, Construction Detailer, Entry Level Plans Examiner, or Entry Level Planner.

General Education Requirements

<u>DIVERSITY</u>	<u>(3 CREDITS)</u>
See the diversity section of the general education descriptions for a complete list of courses.	
<u>ENGLISH/COMMUNICATIONS</u>	<u>6 CREDITS</u>
Required: ENG 101 and BUS 107	
<u>HUMAN RELATIONS</u>	<u>3 CREDITS</u>
Required: CPD 124 or MGT 171	
<u>QUANTITATIVE REASONING</u>	<u>3 CREDITS</u>
Required: MATH 106B or 108B	
<u>SCIENCE</u>	<u>8 CREDITS</u>
Required: PHYS 100 or CHEM 104 Required: GEOG 103 or GEOL 101	
<u>SOCIAL SCIENCES/HUMANITIES</u>	<u>3 CREDITS</u>
Recommended: AAD 201	
<u>U.S. AND NEVADA CONSTITUTIONS</u>	<u>3 CREDITS</u>
Required: U.S. and Nevada Constitutions	
<u>TOTAL GENERAL EDUCATION REQUIREMENTS</u>	<u>26 CREDITS</u>

Core Requirements

AAD 100	Introduction to Architectural Design	3
AAD 125	Construction Drawings and Detailing.....	3
ADT 105	Architectural Drafting I.....	5
ADT 256B	Introduction to Land Use Planning.....	3
ADT 290B	Intern in Arch Design Technology.....	3
CADD 100	Introduction to Computer-Aided Drafting.....	3
CONS 103	Intro to the Uniform Building Code	3
CONS 110B	Surveying I.....	4
SOL 100B	Introduction to Solar Energy	3
Choose 3 credits from the following		
AAD 262	CAD for Landscape Architecture <i>or</i>	(3)
AAD 265	Computer Applications in Architecture I.....	(3)
Electives—Choose 3 credits from the following		
ADT 225B	Independent Study	(1-4)
ADT 255B	Properties of Materials	(3)
Extra Credits from science general education requirement.....(2)		
<u>TOTAL CORE REQUIREMENTS</u>		<u>36 CREDITS</u>
<u>TOTAL DEGREE REQUIREMENTS</u>		<u>62 CREDITS</u>

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Golf Course Management Emphasis in Architectural Design Technology

Associate of Applied Science

This program of study will prepare the student who is interested in the management of golf course greens, tees and other landscape areas. Courses that are taken in this program prepare a student to become an assistant superintendent on a golf course, in the landscape maintenance field, turfgrass farm, or other horticulture endeavors. The emphasis within this curriculum is on plants, how they grow, their maintenance, disease prevention and mitigation, along with personnel management skills and techniques.

General Education Requirements

DIVERSITY (3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH/COMMUNICATIONS 6 CREDITS
Recommended: BUS 106, 107

HUMAN RELATIONS 3 CREDITS
Recommended: MGT 171

QUANTITATIVE REASONING 3 CREDITS
Recommended: BUS 117B

SCIENCE 6 CREDITS
Recommended: BIOL 100 and CHEM 100

SOCIAL SCIENCES/HUMANITIES 3 CREDITS
Recommended: SPAN 101B

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS
Recommended: PSC 103

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Golf Course Management Emphasis

Must complete minimum of 41 credits from following

AAD 257	Plant Materials.....	3
ADT 168B	Landscape Management I.....	3
ADT 170B	Soil Management.....	3
ADT 172B	Turfgrass Management I.....	3
ADT 173B	Turfgrass Management II.....	3
ADT 174B	Urban Tree Care I.....	3
ADT 178B	Fundamentals of Horticulture.....	3
ADT 218B	Landscape Irrigation Design.....	3-6
ADT 268B	Landscape Management II.....	3
ADT 272B	Turfgrass Management III.....	3
ADT 290B	Intern in Arch Design Technology.....	4-8
IS 201	Computer Applications.....	3

TOTAL CORE REQUIREMENTS 41-44 CREDITS

TOTAL DEGREE REQUIREMENTS 65-68 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Architectural Design Technology

Certificate of Achievement

This is a one and one-half year program leading to a Certificate in Architectural Design Technology. This program is designed for those already in the field, who want to hone their knowledge and skills. Also, the students that complete this certificate will have the skills, knowledge and abilities to work in the field of Architecture as a Draftsperson, an Entry Level Plans Examiner, or Entry Level Planner.

General Education Requirements

COMMUNICATIONS 3 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS **9 CREDITS**

Architectural Design Technology Core Requirements

AAD 100 Introduction to Architectural Design 3

AAD 180 Fundamentals of Design I 3

AAD 181 Fundamentals of Design I Discussion 3

ADT 105 Architectural Drafting I 5

ADT 106B Architectural Drafting II 5

CONS 103 Intro to the Uniform Building Code 3

Choose one of the following

ADT 230B Mechanical and Electrical Equipment for Buildings *or*.....(3)

ADT 218B Landscape Irrigation Design.....(3)

TOTAL CORE REQUIREMENTS **25 CREDITS**

Architectural Design Technology Emphasis Requirements

AAD 125 Construction Drawings and Detailing..... 3

CONS 120B Blueprint Reading and Specification 3

Choose one of the following

AAD 235 Architectural Design & Delineation 3

AAD 257 Plant Materials..... 3

ADT 108 Architectural Landscaping I..... 3

ADT 168B Landscape Management I..... 3

ADT 255B Properties of Materials..... 3

ADT 256B Introduction to Land Use Planning..... 3

CONS 110B Surveying I..... 4

SOL 100B Introduction to Solar Energy 3

SOL 200B* Passive Solar Energy..... 3

SOL 202B* Active Solar Energy 3

SOL 205B* Climactic and Solar Design..... 3

* Contact department for alternative course options for SOL 200B, SOL 202B and SOL 205B

TOTAL EMPHASIS REQUIREMENTS **9 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS **43 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Biology Emphasis

Associate of Science

This is a two year transferable program leading to an Associate of Science with an emphasis in Biology. The curriculum includes a core of courses in the biological and physical sciences and mathematics. All courses recommended will partially satisfy the Bachelor of Science in Biology at the University of Nevada, Reno.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

See list of courses under the Associate of Science degree requirements. Choosing from ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205, or SOC 276 will meet this requirement and also satisfy 3 credits in Social Sciences.

ENGLISH 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

See list of courses under the Associate of Science degree requirement. The following courses are highly recommended for students wishing to major in Biology at UNR: ART 100, ART 160, ART 260, ART 261, HUM 101, HUM 102, HUM 106, MUS 121, MUS 123, MUS 124, THTR 100, THTR 105, THTR 180, THTR 210, THTR 221

HUMANITIES 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 201 is highly recommended for students wishing to major in Biology at UNR.

MATHEMATICS 6 CREDITS

MATH 126 or higher. Additional credits may be used to satisfy elective requirements.

SCIENCE 12 CREDITS

See list of courses under the Associate of Science degree requirements. The following courses are highly recommended for students wishing to major in Biology at UNR: CHEM 121, BIOL 190/190L, PHYS 151

SOCIAL SCIENCES 6 CREDITS

See list of courses under the Associate of Science degree requirements. CH 202 is highly recommended for students wishing to major in Biology at UNR. Choosing from one of the following courses will also meet the diversity requirement: ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205 or SOC 276.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 203 or PSC 103 is required for students wishing to major in Biology at UNR.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements

CHEM 122	General Chemistry II.....	4
BIOL 223	Human Anatomy and Physiology I or	
BIOL 251	General Microbiology	4
BIOL 191/191L	Introduction to Organismal Biology	4
PHYS 152	General Physics II	4
IS 101	Introduction to Information Systems*	3

TOTAL EMPHASIS REQUIREMENTS 19 CREDITS

Elective Requirements

Choose from the following

MATH 152	Introduction to Statistics.....	3
MATH 181	Calculus I.....	4
BIOL 223	Human Anatomy and Physiology I **	4
BIOL 251	General Microbiology**	4

ELECTIVE REQUIREMENTS 3-4 CREDITS

TOTAL DEGREE REQUIREMENTS 61-62 CREDITS

* IS 101 can be waived and replaced by elective credits under certain circumstances. Please contact the Biology Department Chair.

** If not chosen in the emphasis requirements

Suggested Course Sequence

First Year	Course #	Title	Credits
1st Semester			
Math	MATH 126	Pre-Calculus I	3
English	ENG 101	Composition I	3
Social Science	Elective		3
	IS 101	Introduction to Information Systems	3
Diversity/Soc. Sci.	Elective		3
			Total 15
2nd Semester			
Math	MATH 127	Pre-Calculus II	3
English	ENG 102	Composition II	3
Science	CHEM 121	General Chemistry I	4
Science	BIOL 190/190L	Introduction to Cell and Molecular Biology	4
			Total 14

Second Year	Course #	Title	Credits
1st Semester			
Emphasis	BIOL 191/191L	Introduction to Organismal Biology	4
Emphasis	CHEM 122	General Chemistry II	4
Science	PHYS 151	General Physics I	4
Humanities	Elective		3
			Total 17
2nd Semester			
Emphasis	BIOL 223 or	Human Anatomy and Physiology I	(4)
	BIOL 251	General Microbiology	(4)
Emphasis	PHYS 152	General Physics II	4
Required Electives	MATH 152 or	Introduction to Statistics	(3-4)
	MATH 181 or	Calculus I	(3-4)
	BIOL 223 or	Human Anatomy and Physiology I	(4)
	BIOL 251	General Microbiology	(4)
Constitutions	Elective		3
Fine Arts	Elective		3
			Total 17-18
			Degree Total 61-62

Business



Bookkeeping

Certificate of Achievement

General Education Requirements

COMMUNICATIONS 3 CREDITS
Required: BUS 106, 107 or 108

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Required: BUS 117B

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

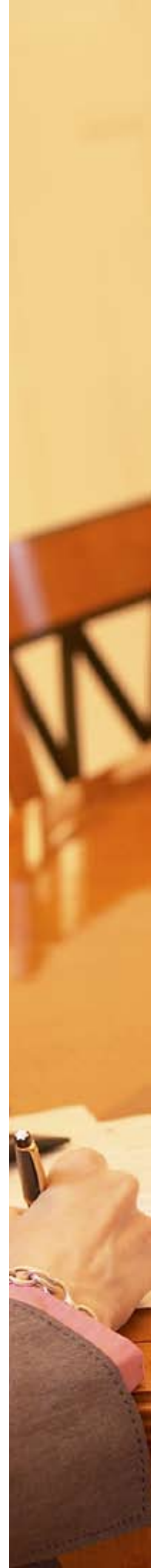
ACC 135B Bookkeeping I 3
ACC 136B Bookkeeping II 3
ACC 180B Payroll and Employee Benefit Accounting 3
ACC 220 Microcomputer Accounting Systems 3
ACC 295B Work Experience 3
IS 101 Introduction to Information Systems 3
IS 201 Computer Applications 3

TOTAL CORE REQUIREMENTS 21 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 30 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Business Emphasis

Associate of Arts

The associate of arts degree with an emphasis in business is designed for students who are interested in graduating from TMCC and pursuing a bachelors degree in business at a four-year accredited institution. This degree is the result of a cooperative effort with NSHE to allow students to freely transfer more business credits than previously offered through the associate of applied science degree. Since this emphasis is part of a 2+2 program, students receiving this degree will be eligible for transfer to upper division status in UNR's College of Business. Within the program, students will explore a wide variety of opportunities in various business fields. The solid background in economics, statistics and accounting is designed to provide skills required to pursue advanced degrees in any business major. The business electives are required for some degrees at UNR. An overall grade point average of 2.75 or higher in courses at the bachelor's degree level is required for a student to be approved for transfer or admitted to the College of Business Administration. This requirement does not apply toward new freshmen applicants.

General Education Requirements

DIVERSITY (3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS
Required: ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS
Recommended: ART 100, 260*, 261* or MUS 121

HUMANITIES AND U.S. AND NEVADA CONSTITUTIONS 9 CREDITS
Recommended: CH 201, 202, 203
(CH 201, 202 satisfies the humanities requirement and CH 203 satisfies the U.S./NV Constitution requirement.)

MATHEMATICS 3 CREDITS
Required: MATH 176

SCIENCE 6 CREDITS
Lab component required; see transfer requirements.

SOCIAL SCIENCES 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 30 CREDITS
Six additional credits are satisfied within the core requirements.

Core Requirements

ACC 201	Financial Accounting.....	3
ACC 202	Managerial Accounting.....	3
ECON 102	Principles of Microeconomics.....	3
ECON 103	Principles of Macroeconomics.....	3
ECON 261	Principles of Statistics I.....	3
ECON 262	Principles of Statistics II.....	3
IS 101	Introduction to Information Systems.....	3
IS 201	Computer Applications.....	3
MKT 130	Introduction to Marketing.....	3

TOTAL CORE REQUIREMENTS 27 CREDITS

Business Electives

(Note: options to be expanded to include other MGT, BUS and MKT courses.)

Recommended

BUS 101	Introduction to Business <i>or</i>	(3)
BUS 107	Business Speech Communications <i>or</i>	(3)
COM 113	Fundamentals of Speech I.....	(3)

TOTAL ELECTIVE REQUIREMENTS 3 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Note: A maximum of 64 semester credits can be accepted by Nevada universities from two-year colleges.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Business

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS
Recommended: BUS 107 or SPCM 113

CONSTITUTION (U.S. AND NEVADA) 3 CREDITS
Recommended: PSC 103

ENGLISH 3 CREDITS
Recommended: BUS 108

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Recommended: BUS 117B or MATH 120

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS
Recommended: ECON 103

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

ACC 135B Bookkeeping I *or* (3)
ACC 201 Financial Accounting (3)
BUS 101 Introduction to Business 3
BUS 106 Business English 3
COT 202B Introduction to Computer Applications *or* (3)
IS 101 Introduction to Information Systems (3)
ECON 102 Principles of Microeconomics 3
MKT 130 Introduction to Marketing 3
MGT 171 Supervision *or* (3)
MGT 201 Principles of Management (3)

TOTAL CORE REQUIREMENTS 21 CREDITS

Business Emphasis Requirements

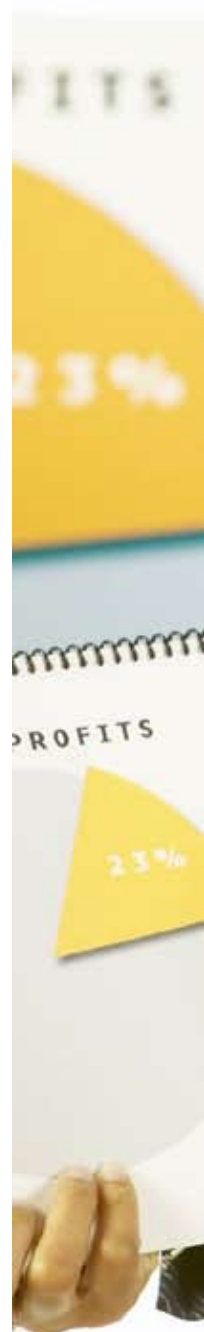
Approved Business Electives 15
Choose from: accounting, business, computer and office technology, economics, information systems, management, marketing and real estate.

TOTAL EMPHASIS REQUIREMENTS 15 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Business

Certificate of Achievement

General Education Requirements

COMMUNICATIONS 3 CREDITS
Recommended: BUS 106, 107 or 108

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Required: BUS 117B

TOTAL GENERAL EDUCATION REQUIREMENTS **9 CREDITS**

Core Requirements

ACC 135B Bookkeeping I 3
BUS 101 Introduction to Business 3
MKT 130 Introduction to Marketing 3

TOTAL CORE REQUIREMENTS **9 CREDITS**

Emphasis Requirements

Credits chosen from approved business electives.

Business Electives—The following area courses are business courses: accounting, business, Cisco networking, computer information technology, computer office technology, culinary arts, economics, finance, information systems, management, marketing and real estate.

TOTAL EMPHASIS REQUIREMENTS **15 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS **33 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Chemistry Emphasis

Associate of Science

This is a two year transferable program leading to an Associate of Science with an emphasis in Chemistry. The curriculum includes a core of courses in the physical sciences and mathematics which are advised by the American Chemical Society (ACS) for transfer to any ACS accredited chemistry program. All courses recommended will partially satisfy the Bachelor of Science in Chemistry at the University of Nevada, Reno.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

See list of courses under the Associate of Science degree requirements. Choosing from ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205, or SOC 276 will meet this requirement and also satisfy 3 credits in Social Sciences.

ENGLISH 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

See list of courses under the Associate of Science degree requirement. The following courses are highly recommended for students wishing to major in Chemistry at UNR: ART 100, ART 160, ART 260, ART 261, HUM 101, HUM 102, HUM 106, MUS 121, MUS 123, MUS 124, THTR 100, THTR 105, THTR 180, THTR 210, THTR 221

HUMANITIES 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 201 is highly recommended for students wishing to major in Chemistry at UNR.

MATHEMATICS 6 CREDITS

MATH 181, MATH 182. Additional credits may be used to satisfy elective requirements.

SCIENCE 12 CREDITS

See list of courses under the Associate of Science degree requirements. It is recommended that students wishing to transfer to UNR take the CHEM 201 and CHEM 202 or CHEM 121 and CHEM 122 series. PHYS 180/180L is also advised.

SOCIAL SCIENCES 6 CREDITS

See list of courses under the Associate of Science degree requirements. CH 202 is highly recommended for students wishing to major in Chemistry at UNR. Choosing from one of the following courses will also meet the diversity requirement: ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205 or SOC 276.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 203 or PSC 103 is required for students wishing to major in Chemistry at UNR.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements

CHEM 241/241L	Organic Chemistry I.....	4
CHEM 242/242L	Organic Chemistry II.....	4
PHYS 181/181L	Physics for Scientists and Engineers II.....	4
IS 101*	Introduction to Information Systems.....	3
	Extra Credits from Math requirement.....	2

* IS 101 can be waived and replaced by elective credits under certain circumstances. Please contact the Physical Sciences Department Chair.

TOTAL EMPHASIS REQUIREMENTS 17 CREDITS

Elective Requirements

Choose 6-8 credits from the following:

MATH 283	Calculus III.....	4
MATH 285	Differential Equations.....	3
NRES 210	Environmental Pollution.....	3
	Foreign Language.....	8

Two semesters of German, French, or Russian are highly recommended.

TOTAL ELECTIVE REQUIREMENTS 6-8 CREDITS

TOTAL DEGREE REQUIREMENTS 62-64 CREDITS

Suggested Course Sequence

Note: to enroll in MATH 181, students must first successfully complete the MATH 126/127 sequence or place into MATH 181 via the following test scores:

ACT 28 or

SAT 630 or

ACCUPLACER College Level score 90 or higher

First Year	Course #	Title	Credits
1st Semester			
	CHEM 201	General Chemistry for Scientists & Engineers I	4
	MATH 181	Calculus I	4
	ENG 101	Composition I	3
	IS 101	Introduction to Information Systems	3
Total			14
2nd Semester			
	CHEM 202	General Chemistry for Scientists & Engineers II	4
	MATH 182	Calculus II	4
	ENG 102	Composition II	3
	Elective	Gen. Ed. or Foreign Language Elective	3
	Elective	Gen. Ed. Elective	3
Total			17

Second Year	Course #	Title	Credits
3rd Semester			
	CHEM 241/241L	Organic Chemistry I	4
	PHYS 180/180L	Physics for Scientists and Engineers I	4
	CH 201	Ancient and Medieval Cultures	3
	Elective	Gen. Ed., Foreign Lang. or Emphasis Elective	3-4
Total			14-15
4th Semester			
	CHEM 242/242L	Organic Chemistry II	4
	PHYS 181/181L	Physics for Scientists and Engineers II	4
	CH 202	The Modern World	3
	CH 203	American Experiences and Constit. Change	3
	Elective	Gen. Ed. or Emphasis Elective	3-4
Total			17-18
Degree Total			62-64

Computer Information Technology

The Computer Information Technology program prepares students for employment in areas such as technical support, computer programming, applications development, database management, networking, and web design. CIT professionals must have a broad knowledge of computer systems and technologies, as well as strong problem solving and analysis skills. They must be able to think logically and have strong verbal and written communication skills.

Computer Information Technology offers the following emphases and certificates:

- Associate of Applied Science
 - Computer Programming Emphasis
 - Networking Emphasis
 - CISCO Track
 - MCSE Track
 - UNIX/LINUX Track
 - Webmaster Emphasis
- Certificate of Achievement
 - Networking
 - Technical Support

Computer Programming Emphasis

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

Choose from: BUS 107, SPCM 113 or 135

ENGLISH 3 CREDITS

Choose from: BUS 108, ENG 101 (or 113), 102 (or 114), 107 or 108

HUMAN RELATIONS 3 CREDITS

Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS

Choose from: MATH 126 or higher

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CIT 110 A+ Hardware 3

CIT 111* A+ Software 3

CSCO 120 Cisco Networking Academies I 5

Choose three credits from the following

ACC 201 Financial Accounting 3

BUS 101 Introduction to Business 3

(recommended)

IS 101 Introduction to Information Systems 3

TOTAL CORE REQUIREMENTS 14 CREDITS

Emphasis Requirements

CIT 260 Systems Analysis and Design I 3

IS 115 Introduction to Programming 3

Students must complete the beginning and advanced courses in two languages – 12 Credits

Track 1–Basic

CIT 132 Beginning Visual Basic 3

CIT 232 Advanced Visual Basic 3

Track 2–C

CIT 131* Beginning C Programming 3

CIT 231* Advanced C Programming 3

Track 3–C++

CIT 133* Beginning C++ 3

CIT 233* Advanced C++ 3

Track 4–Java

CIT 130 Beginning Java 3

CIT 230 Advanced Java 3

Choose six additional credits from the following

CIT 151 Beginning Web Development 3

CIT 153 Beginning PERL 3

CIT 181 Introduction to Oracle 3

CIT 290B Internship in Computer and Information Technology 3

Any CIT Special Topics class 3

TOTAL EMPHASIS REQUIREMENTS 24 CREDITS

TOTAL DEGREE REQUIREMENTS 62 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Networking Emphasis

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

Choose from: BUS 107, SPCM 113 or 135

ENGLISH 3 CREDITS

Choose from: BUS 108, ENG 101 (or 113), 102 (or 114), 107 or 108

HUMAN RELATIONS 3 CREDITS

Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS

Choose from: MATH 126 or higher

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CIT 110 A+ Hardware 3

CIT 111* A+ Software 3

CSCO 120 Cisco Networking Academies I 5

Choose three credits from the following

ACC 201 Financial Accounting 3

BUS 101 Introduction to Business 3

(recommended)

IS 101 Introduction to Information Systems 3

TOTAL CORE REQUIREMENTS 14 CREDITS

Emphasis Requirements

Students must choose from one of the three tracks listed below:

Track 1-Cisco

CSCO 121 Cisco Networking Academies II 5

CSCO 220 Cisco Networking Academies III 5

CSCO 221 Cisco Networking Academies IV 5

Choose at least nine credits from the following

CIT 171 Introduction to the UNIX Operating System 3

CIT 172 UNIX Systems Administration *or* (3)

CIT 174 Linux System Administration (3)

CIT 211 MCSE I 4

CIT 212 MCSE II 4

CIT 213* MCSE III 4

CIT 255 Web Server Administration I 3

CSCO 280 Advanced Routing 5

CSCO 281 Remote Access 5

CSCO 282 Multi-layer Switching 5

CSCO 283 Internetwork Troubleshooting 5

CISCO TRACK REQUIREMENTS 24 CREDITS

Track 2-MCSE

CIT 211 MCSE I 4

CIT 212 MCSE II 4

CIT 213* MCSE III 4

CIT 214* MCSE IV 4

Choose at least nine credits from the following

CIT 215 MCSE Electives - Directory Services Design 3

CIT 215 MCSE Electives - Infrastructure Design 3

CIT 215 MCSE Electives - Security Design 3

CIT 215 MCSE Electives - SQL 3

CIT 215 MCSE Electives - Exchange Server 3

CIT 215 MCSE Electives - Other 3

MCSE TRACK REQUIREMENTS 25 CREDITS

Track 3-UNIX/LINUX

CIT 171 Introduction to the UNIX Operating System 3

CIT 173 Linux Installation and Configuration 3

CIT 255 Web Server Administration I 3

Choose at least three credits from the following

CIT 172 UNIX Systems Administration 3

CIT 174 Linux System Administration 3

Choose at least 10 additional credits from the following

CSCO 121 Cisco Networking Academies II 5

CSCO 220 Cisco Networking Academies III 5

CIT 211 MCSE I 4

CIT 212 MCSE II 4

CIT 181 Introduction to Oracle 3

Any CIT Special Topics 3

UNIX/LINUX TRACK REQUIREMENTS 22 CREDITS

TOTAL DEGREE REQUIREMENTS 60-63 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Webmaster Emphasis

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

Choose from: BUS 107, SPCM 113 or 135

ENGLISH 3 CREDITS

Choose from: BUS 108, ENG 101 (or 113), 102 (or 114), 107 or 108

HUMAN RELATIONS 3 CREDITS

Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS

Choose from: MATH 126 or higher

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CIT 110 A+ Hardware 3

CIT 111* A+ Software 3

CSCO 120 Cisco Networking Academies I 5

Choose three credits from the following

ACC 201 Financial Accounting 3

BUS 101 Introduction to Business 3

(recommended)

IS 101 Introduction to Information Systems 3

TOTAL CORE REQUIREMENTS 14 CREDITS

Emphasis Requirements

CIT 151 Beginning Web Development 3

CIT 181 Introduction to Oracle 3

COT 207B Business Applications on the Internet 3

GRC 175 Web Design and Publishing I 3

IS 115 Introduction to Programming 3

Choose Track 1 or Track 2

Track 1-Server Administration

CIT 171 Introduction to the UNIX Operating System 3

CIT 255 Web Server Administration I 3

Choose three credits from the following

CIT 173 Linux Installation and Configuration 3

CIT 212 MCSE II 4

TRACK 1 TOTAL REQUIREMENTS 9-10 CREDITS

Track 2-Site Development

CIT 152B Web Script Language Programming 3

CIT 153 Beginning Perl 3

Choose three credits from the following

CIT 251 Advanced Web Development 3

CIT 257 Web Languages 3

TRACK 2 TOTAL REQUIREMENTS 9 CREDITS

TOTAL EMPHASIS REQUIREMENTS 24-25 CREDITS

TOTAL DEGREE REQUIREMENTS 62-63 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Networking

Certificate of Achievement

General Education Requirements

COMMUNICATIONS/ENGLISH	3 CREDITS
Choose from: BUS 107 or 108	
HUMAN RELATIONS	3 CREDITS
Required: MGT 212	
MATHEMATICS/QUANTITATIVE REASONING	3 CREDITS
Choose from: MATH 126 or higher	
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Core Requirements

CIT 110	A+ Hardware	3
CIT 111	A+ Software	3
CSCO 120	Cisco Networking Academies I	5

TOTAL CORE REQUIREMENTS 11 CREDITS

Students must complete one of the following three tracks:

Track 1-CISCO

CSCO 221	Cisco Networking Academies II	5
CSCO 220	Cisco Networking Academies III	5
CSCO 221	Cisco Networking Academies IV	5

CISCO TRACK TOTAL 15 CREDITS

Track 2-MCSE

CIT 211	MCSE I	4
CIT 212	MCSE II	4
CIT 213	MCSE III	4
CIT 214	MCSE IV	4

MCSE TRACK TOTAL 16 CREDITS

Track 3-UNIX/Linux

CIT 171	Introduction to the UNIX Operating System	3
CIT 172	UNIX Systems Administration	3
CIT 173	Linux Installation and Configuration	3
CIT 255	Web Server Administration I	3

UNIX/LINUX TRACK TOTAL 12 CREDITS

TOTAL TRACK REQUIREMENTS 12-16 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 32-36 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Technical Support

Certificate of Achievement

General Education Requirements

COMMUNICATIONS/ENGLISH 3 CREDITS
Recommended: BUS 107 or 108, ENG 107

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

MATHEMATICS/QUANTITATIVE REASONING 3 CREDITS
Choose from: MATH 126 or higher

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

CIT 110 A+ Hardware 3
CIT 111 A+ Software 3
CSCO 120 Cisco Networking Academies I 5

TOTAL CORE REQUIREMENTS 11 CREDITS

Emphasis Requirements

CIT 209B User Support Skills and Technology 3
CIT 211 MCSE I 4

Choose three credits from the following

CIT 171 Introduction to the UNIX Operating System 3
CIT 173 Linux Installation and Configuration 3
CIT 201 Word Certification Preparation 3
CIT 202 Excel Certification Preparation 3
CIT 203 Access Certification Preparation 3

TOTAL EMPHASIS REQUIREMENTS 10 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 30 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Computer Science Emphasis

Associate of Science

This is a two year transferable program leading to an Associate of Science with an emphasis in Computer Science. Computer Science encompasses the methodology, tools, techniques, and theory of information derivation, storage, manipulation, and communication. All courses recommended will partially satisfy the Bachelor of Science in Computer and Information Engineering and Computer Science at the University of Nevada, Reno.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

See list of courses under the Associate of Science degree requirements. Choosing from ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205, or SOC 276 will meet this requirement and also satisfy 3 credits in Social Sciences.

ENGLISH 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

See list of courses under the Associate of Science degree requirement. The following courses are highly recommended for students wishing to major in Computer Science at UNR: ART 100, ART 160, ART 260, ART 261, HUM 101, HUM 102, HUM 106, MUS 121, MUS 123, MUS 124, THTR 100, THTR 105, THTR 180, THTR 210, THTR 221

HUMANITIES 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 201 is highly recommended for students wishing to major in Computer Science at UNR.

MATHEMATICS 6 CREDITS

Required: MATH 181, MATH 182. Additional credits may be used to satisfy elective requirements.

SCIENCE 12 CREDITS

See list of courses under the Associate of Science degree requirements. The following courses are highly recommended for students wishing to major in Computer Science at UNR: PHYS 180/180L, PHYS 181/181L, CHEM 201

SOCIAL SCIENCES 6 CREDITS

See list of courses under the Associate of Science degree requirements. CH 202 is highly recommended for students wishing to major in Computer Science at UNR. Choosing from one of the following courses will also meet the diversity requirement: ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205 or SOC 276.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 203 or PSC 103 is required for students wishing to major in Computer Science at UNR.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements

IS 115	Introduction to Programming	3
CS 135R	Computer Science I	3
CS 202	Computer Science II	3
CIT 171	Introduction to the UNIX Operating System	3
ENGR 100	Introduction to Engineering Design	3

TOTAL EMPHASIS REQUIREMENTS 15 CREDITS

Elective Requirements

	Extra credits from Math requirement	2
MATH 283	Calculus III	4
	A Programming Language	3

TOTAL ELECTIVE REQUIREMENTS 9 CREDITS

TOTAL DEGREE REQUIREMENTS 63 CREDITS

Suggested Course Sequence

Note: Students must complete the Math 126/127 sequence or place into MATH 181 via test scores.

ACT 28
SAT 630
ACCUPLACER College Level score of 90 or higher

First Year	Course #	Title	Credits
1st Semester			
English	ENG 101	Composition I	3
Social Science	Elective		3
Fine Arts	Elective		3
	ENGR 100	Introduction to Engineering Design	3
	IS 115	Introduction to Programming	3
			Total 15
2nd Semester			
English	ENG 102	Composition II	3
Math	MATH 181	Calculus I	4
Science	PHYS 180, 180L	Physics for Scientists and Engineers I	4
	CS 135R	Computer Science I	3
	CIT 171	Introduction to the UNIX Operating System	3
			Total 17

Second Year	Course #	Title	Credits
3rd Semester			
Humanities	CH 201	Ancient and Medieval Cultures	3
	CS 202	Computer Science II	3
Constitution	CH 203	American Experiences and Const. Change	3
Science	PHYS 181, 181L	Physics for Scientists and Engineers II	4
			Total 17
4th Semester			
Science	CHEM 201	General Chemistry for Scientists & Engineers I	4
	MATH 283	Calculus III	4
Social Science	CH 202	The Modern World	3
	Elective	A programming language is recommended	3
Social Science/Div.	Elective		3
			Total 17
			Degree Total 63

Computer and Office Technology

The Office Technology emphasis is designed for those seeking specific career skills in office environments. Courses available include instruction in the latest computer software (including word processing, spreadsheets, databases and presentations); general and advanced office skills; and communication skills. Many of the courses are available in self paced format with industry certification as an option. Students can pursue a one year Certificate of Achievement or the two year Associate of Applied Science.

Associate of Applied Science
Administrative Assistant Emphasis
Office Administration Track
Medical Office Track

Certificate of Achievement
Administrative Assistant



Administrative Assistant Emphasis

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

Required: BUS 107

ENGLISH 3 CREDITS

Required: BUS 108

HUMAN RELATIONS 3 CREDITS

Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS

Choose from: BUS 117B or MATH 126 or higher

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

BUS 101 Introduction to Business 3

CIT 201 Word Certification Preparation..... 3

COT 204 Using Windows 3

IS 101 Introduction to Information Systems 3

Choose three credits from the following

ACC 135B Bookkeeping I 3

ACC 201 Financial Accounting..... 3

Choose three credits from the following

MGT 103 Small Business Management 3

MGT 171 Supervision..... 3

MGT 201 Principles of Management 3

TOTAL CORE REQUIREMENTS 18 CREDITS

Emphasis Requirements

CIT 202 Excel Certification Preparation 3
CIT 203 Access Certification Preparation 3

Students must complete one of the two tracks listed below – 13 credits

Track 1–Office Administration

ACC 220 Microcomputer Accounting Systems 3

CIT 204 PowerPoint Certification Preparation 2

COT 207B Business Applications on the Internet 3

COT 217 Office Publications 3

COT 290B Internship in Computer/Office Technology 2

Track 2–Medical Office Track

COT 114B General Medical Office Billing 3

COT 115B Computerized Medical Office Billing..... 3

COT 122B Medical Typing and Transcription 4

NURS 140 Medical Terminology..... 3

TOTAL EMPHASIS REQUIREMENTS 19 CREDITS

TOTAL DEGREE REQUIREMENTS 61 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Administrative Assistant

Certificate of Achievement

General Education Requirements

COMMUNICATIONS 3 CREDITS
Required: BUS 107

ENGLISH 3 CREDITS
Required: BUS 108

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Required: BUS 117B

TOTAL GENERAL EDUCATION REQUIREMENTS 12 CREDITS

Core Requirements

CIT 201 Word Certification Preparation 3

CIT 202 Excel Certification Preparation 3

CIT 203 Access Certification Preparation 3

COT 204 Using Windows 3

IS 101 Introduction to Information Systems 3

Choose three credits from the following

ACC 135B Bookkeeping I 3

ACC 201 Financial Accounting 3

TOTAL CORE REQUIREMENTS 18 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 30 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Construction Technologies

Associate of Applied Science
Construction Management Emphasis
Heating, Ventilation, Air-Conditioning & Refrigeration Emphasis
Welding Emphasis

Certificate of Achievement
Construction Trades
Heating, Ventilation, Air-Conditioning & Refrigeration
Welding

Construction Technologies - Construction Management Emphasis

Associate of Applied Science

This course of study will provide the student with the basic, entry level understanding of the construction industry as it relates to the residential, commercial and heavy construction markets. The student upon completion of this two year program will possess the necessary knowledge to either enter the construction management field or continue on an academic track to complete a Bachelor's degree in Construction Management.

General Education Requirements

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
COMMUNICATIONS	3 CREDITS
ENGLISH	3 CREDITS
Recommended: BUS 108 Students who transfer to a four year institution should take ENG 101 or 102. See a counselor or contact the department for more information on transferable courses.	
HUMAN RELATIONS	3 CREDITS
Required: MGT 212	
QUANTITATIVE REASONING	3 CREDITS
Choose from: MATH 120 or higher	
SCIENCE	6 CREDITS
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
Recommended: ECON 102 or 103	
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

AIT 110B	General Industrial Safety.....	1
BI 101B	Intro to Building Codes.....	3
CONS 120B	Blueprint Reading and Specification.....	3

TOTAL CORE REQUIREMENTS..... **7 CREDITS**

Emphasis Requirements

AAD 125	Construction Drawings and Detailing.....	3
CONS 121BR	Principles of Construction Estimating.....	3
CONS 155B	On-Site Construction Supervision.....	3
CONS 211B	Construction Cost Control.....	3
CONS 221B	Construction Estimating II.....	3
CONS 281B	Construction Planning Scheduling and Control.....	3
CONS 282B	Construction Law.....	2-3
CONS 283B	Construction Documents and Specifications.....	2
SUR 161	Elementary Surveying.....	4

Choose one of the following

ADT 230B	Mechanical and Electrical Equipment for Buildings.....	(3)
ADT 245B	Static and Strength of Materials.....	(3)

Choose one of the following

COT 202B	Introduction to Computer Applications.....	(3)
IS 101	Introduction to Information Systems.....	(3)

TOTAL EMPHASIS REQUIREMENTS..... **32-33 CREDITS**

TOTAL DEGREE REQUIREMENTS..... **63-64 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Construction Technologies - HVACR

Associate of Applied Science

General Education Requirements

DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
ENGLISH/COMMUNICATIONS	6 CREDITS
HUMAN RELATIONS	3 CREDITS
MATHEMATICS/QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
SOCIAL SCIENCE/HUMANITIES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

AIT 110B	General Industrial Safety	1
BI 101B	Intro to Building Codes	3
CONS 120B	Blueprint Reading and Specification	3

TOTAL CORE REQUIREMENTS 7 CREDITS

Emphasis Requirements

ADT 105	Architectural Drafting I	5
ADT 230B	Mechanical and Electrical Equipment for Buildings	3
AC 102B	Refrigeration Theory	3
AC 150B	Basic Refrigeration Servicing	6
AC 205B	HVAC Control Systems	4
IMT 110B	Introduction to Industrial Electricity	3
Choose one of the following		
AC 106B	Residential Gas Heating	(6)
AC 200B	Commercial Refrigeration I	(6)

TOTAL EMPHASIS REQUIREMENTS 30 CREDITS

Elective Requirements

Choose 6 credits from the following

AC 111B	Heat Pumps	3
AC 210B	Boiler Operation and Maintenance	3
AC 295B	Internship HVAC Career	3
CONS 121BR	Principles of Construction Estimating	3
CONS 211B	Construction Cost Control	3
Any other AC course		

TOTAL ELECTIVE REQUIREMENTS 6 CREDITS

TOTAL DEGREE REQUIREMENTS 67 CREDITS

Suggested Course Sequence

First Year	Course #	Title	Credits
1st Semester			
	AC 102B	Refrigeration Theory	3
	ADT 105	Architectural Drafting I	5
	AIT 110B	General Industrial Safety	1
	IMG 110B	Introduction to Industrial Electricity	3
	MATH 108B	Math for Technicians	3
Total			15
2nd Semester			
	AC 205B	HVAC Control Systems [ECT 200B]	4
	BI 101B	Introduction to Building Codes [CONS 103]	3
	CONS 120B	Blueprint Reading and Specification [CONS 123B]	3
	ENG 107	Technical Communications I	3
	PHYS 100	Introductory Physics	3
Total			16

Second Year	Course #	Title	Credits
3rd Semester			
	AAD 201	History of the Built Environment	3
	AC 150B	Basic Refrigeration Servicing	6
Constitution			3
	ENG 101	Composition I	3
Electives			3
Total			18
4th Semester			
	AC 106B	Residential Gas Heating	6
	ADT 230B	Mechanical and Electrical Equipment for Bldgs.	3
	CE 195B	Employability Skills	3
	ENV 100	Humans and the Environment	3
	Electives		3
Total			18
Degree Total			67

Heating, Ventilation, Air Conditioning/Refrigeration (HVAC/R)

Certificate of Achievement

The HVAC/R Certificate of Achievement prepares individuals for entry level positions in the heating, ventilation, air conditioning and refrigeration industries. The training focuses on installation, maintenance, troubleshooting, and repair of modern equipment used in residential, commercial, and industrial buildings throughout northern Nevada. Emphasizing hands-on training, the program prepares students with the knowledge and skills required for industry-standard certifications and sought by employers.

General Education Requirements

COMMUNICATIONS 3 CREDITS
Recommended: ENG 107

HUMAN RELATIONS 3 CREDITS
Recommended: CE 195B

QUANTITATIVE REASONING 3 CREDITS
Recommended: MATH 108B or higher

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

HVAC/R Core Requirements

AC 102B Refrigeration Theory 3
AC 106B Residential Gas Heating 6
AC 150B Basic Refrigeration Servicing 6
AC 200B Commercial Refrigeration I 6
AC 205B HVAC Control Systems 4
AIT 110B General Industrial Safety 1
IMT 110B Introduction to Industrial Electricity 3

TOTAL CORE REQUIREMENTS 29 CREDITS

Elective Requirements

Choose at least 3 credits from the following

AC 111B Heat Pumps 3
AC 210B Boiler Operation and Maintenance 3
AC 295B Internship HVAC Career 3
IMT 210B Programmable Logic Controllers 4

TOTAL ELECTIVE REQUIREMENTS 3-4 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 41-42 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Construction Technologies - Welding Emphasis

Associate of Applied Science

The Associate of Applied Science Construction Technologies Degree with a Welding Emphasis gives the student the training necessary to earn the American Welding Society Structural Steel Certifications, which are required for employment in most areas of the Construction fields involving welding, along with the general education requirements and employability skills that are sought after by all employers in the construction and manufacturing trades

General Education Requirements

DIVERSITY (3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH/COMMUNICATIONS 6 CREDITS
Strongly recommended: ENG 107

HUMAN RELATIONS 3 CREDITS
Strongly recommended: CE 195B

QUANTITATIVE REASONING 3 CREDITS
MATH 108B or higher

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

AIT 110B General Industrial Safety..... 1
CONS 103 Intro to the Uniform Building Code 3
CONS 120B Blueprint Reading and Specification 3

TOTAL CORE REQUIREMENTS 7 CREDITS

Emphasis Requirements

WELD 211 Welding I 3
WELD 212B Welding I Practice 2
WELD 221 Welding II 3
WELD 222B Welding II Practice 2
WELD 231B Welding III 3
WELD 232B Welding III Practice 2
WELD 241B Welding IV 3
WELD 242B Welding IV Practice 2

Choose one of the following

COT 202B Introduction to Computer Applications 3
IS 101 Introduction to Information Systems 3

TOTAL EMPHASIS REQUIREMENTS 23 CREDITS

Elective Requirements

Choose 12 Credits from the following

IMT 110B Introduction to Industrial Electricity..... 3
MTT 101B Introduction to Machine Shop..... 3
MTT 105B Machine Shop I 3
MTT 150B Metallurgy I 3
WELD 101B Basic Metals 3
WELD 250B Welding Certification Preparation 1-12
WELD 290B Internship in Welding..... 1-8

TOTAL EMPHASIS REQUIREMENTS 12 CREDITS

TOTAL DEGREE REQUIREMENTS 66 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Construction Technologies - Welding Technology

Certificate of Achievement

Based on the American Welding Society Entry Level Welder Standards, the Welding Technology Certificate of Achievement program gives students the welding skills necessary to qualify for an entry level position in a diversity of occupations that utilize welding from construction to manufacturing along with part of the general education skills that are strongly requested by commercial and industrial employers.

General Education Requirements

COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS Recommended: CE 195B	3 CREDITS
QUANTITATIVE REASONING MATH 108B or higher	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Welding Technology Core Requirements

AIT 110B	General Industrial Safety.....	1
WELD 211	Welding I	3
WELD 212B	Welding I Practice	2
WELD 221	Welding II	3
WELD 222B	Welding II Practice	2
TOTAL CORE REQUIREMENTS		11 CREDITS

Elective Requirements

Choose 12 credits from the following

MTT 101B	Introduction to Machine Shop.....	3
MTT 150B	Metallurgy I	3
WELD 101B	Basic Metals	3
WELD 231B	Welding III	3
WELD 232B	Welding III Practice	2
WELD 241B	Welding IV	3
WELD 242B	Welding IV Practice	2
WELD 250B	Welding Certification Preparation	1-12

TOTAL ELECTIVE REQUIREMENTS	12 CREDITS
TOTAL CERTIFICATE REQUIREMENTS	32 CREDITS

Suggested Course Sequence

First Year	Course #	Title	Credits
1st Semester			
	AIT 110B	General Industrial Safety	1
	WELD 211	Welding I	3
	WELD 212B	Welding I Practice	2
Quantitative Res.	MATH 108B	Math for Technicians	3
	Electives		6
Total			15
2nd Semester			
Human Relations	CE 195B	Employability Skills	3
Communications	ENG 107	Technical Communications I	3
	WELD 221	Welding II	3
	WELD 222B	Welding II Practice	2
	Electives		6
Total			17
Certificate Total			32



Cosmetology

Workforce Development and Continuing Education

Nevada State Licensure - Preparation Classes

APPLICATION REQUIREMENTS: The following requirements must be fulfilled prior to the application deadline stated in the class schedule. This date is generally six weeks prior to the beginning of each semester, fall and spring.

1. Must be a high school graduate or have obtained a GED or passed TMCC's ACCUPLACER test.
2. Must have completed six credits at TMCC. If credits are from another college, must have official transcripts on file in admissions and records.

Selection of students will be based on previous work experience and/or previous education.

Accepted students attend a mandatory orientation class COS 100B Introduction to Cosmetology, prior to starting the program.

It is recommended that students take the general education requirements listed below before the cosmetology classes under your chosen area. For cosmetology classes students must be able to attend classes Tuesday through Saturday (Saturday mandatory) starting at 8:30 a.m. Log on to wdce.tmcc.edu and click on program brochures or call 829-9010 for a cosmetology program application. Application to the cosmetology program must be made to the WDCE office at Meadowood by the dates stated in the class schedule.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

Recommended: BUS 106 and 107

HUMAN RELATIONS 3 CREDITS

Recommended: MGT 212

SCIENCE/QUANTITATIVE REASONING/COMPUTER SCIENCE 3 CREDITS

Recommended: COT 202B

SOCIAL SCIENCES 3 CREDITS

Recommended: PSY 101 or PSY 102 (with instructor approval)

FINE ARTS/HUMANITIES 3 CREDITS

ELECTIVES (COS COURSES) 12 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 30 CREDITS

Nail Technology

You must be able to attend the participating cosmetology school for at least 30 hours per week. Lab fees plus additional fees.*

COS 103B Nail Technology..... 500/13 (hours/credits)

TOTAL EMPHASIS REQUIREMENTS 500/13

Esthetics

You must be able to attend the participating cosmetology school for at least 30 hours per week. Lab fees plus additional fees.*

COS 110B Esthetics I..... 300/8 (hours/credits)

COS 111B Esthetics II..... 300/8

TOTAL EMPHASIS REQUIREMENTS 600/16

Hair Design

You must be able to attend the participating cosmetology school for 40 hours per week. Lab fees plus additional fees.*

COS 120B Hair Design I..... 400/12 (hours/credits)

COS 121B Hair Design II..... 400/12

COS 122B Hair Design III..... 300/10

COS 200B Salon Management..... 50/1

COS 220B Exam Prep/Hair Design 50/1

TOTAL EMPHASIS REQUIREMENTS 1,200/36

Cosmetology

You must be able to attend the participating cosmetology school for 40 hours per week. Lab fees plus additional fees.*

COS 120B Hair Design I..... 400/12 (hours/credits)

COS 121B Hair Design II..... 400/12

COS 122B Hair Design III..... 300/10

COS 200B Salon Management..... 50/1

COS 221B Cosmetology I 100/3

COS 222B Cosmetology II 200/4

COS 223B Cosmetology III 100/3

COS 224B Cosmetology IV 150/3

COS 230B Exam Preparation/Cosmetology 50/1

COS 231B Salon Psychology 50/1

TOTAL EMPHASIS REQUIREMENTS 1,800/50

Please note: these classes do not lead to TMCC associate of arts, associate of science or associate of applied science degrees or certificates of achievement, but these classes may apply toward a general studies degree or certificate.

* Additional fees include the TMCC per credit fee and a \$500-\$700 equipment kit fee. The kit fee is paid directly to the cosmetology school. Not all credit and lab fees are covered by scholarship and financial aid. Check the current class schedule for lab and credit fees.

Suggested Course Sequence

Course #	Title	Credits
Nail Technology (to be taken in one semester)		
COS 103B	Nail Technology	13
Esthetic (to be taken in one semester)		
COS 110B	Esthetics I	8
COS 111B	Esthetics II	8
		Total 16
Hair Design - 1st Semester		
COS 120B	Hair Design I	12
Hair Design - 2nd Semester		
COS 121B	Hair Design II	12
Hair Design - 3rd Semester		
COS 122B	Hair Design III	10
COS 200B	Salon Management	1
COS 220B	Exam Prep/Hair	1
		Total 12

Course #	Title	Credits
Cosmetology - 1st Semester		
COS 120B	Hair Design I	12
COS 221B	Cosmetology I	3
		Total 15
Cosmetology - 2nd Semester		
COS 121B	Hair Design II	12
COS 222B	Cosmetology II	4
		Total 16
Cosmetology - Summer Semester		
COS 200B	Salon Management	1
COS 231B	Salon Psychology	1
		Total 2
Cosmetology - 4th Semester		
COS 122B	Hair Design III	10
COS 223B	Cosmetology III	3
COS 224B	Cosmetology IV	3
COS 230B	Exam Prep/Cosmetology	1
		Total 17

Criminal Justice



Criminal Justice - Community Policing and Problem Solving Emphasis

Associate of Arts

The associate of arts in criminal justice is designed to serve students either as a stand-alone associate degree in the field of criminal justice or to serve as a transfer option. The transfer option allows students to first obtain their associate of arts in criminal justice, community policing and problem solving or pre-law at TMCC and then continue seamlessly as a junior at the University of Nevada, Reno working toward a bachelor of arts in criminal justice. By choosing specific transfer classes at TMCC students may complete their lower division courses and obtain their associate of arts in criminal justice prior to transferring to UNR. Students are encouraged to obtain counseling and advisement to ensure smooth transition in a university transfer process.

The three associate of arts in criminal justice emphasis, UNR transfer degrees, and the four associate of applied science degrees in criminal justice including corrections/probation, juvenile justice, investigation and law enforcement allow students to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the criminal justice worksheets for corrections/probation, criminal justice, law enforcement, investigation, juvenile justice and pre-law.

SOCIAL SCIENCES **12 CREDITS**
 (Including U.S. and Nevada Constitutions.) CH 201, 202, 203 and PSY 101 or SOC 101 recommended for UNR transfer or select from approved general education requirements.

TOTAL GENERAL EDUCATION REQUIREMENTS **33 CREDITS**

Core Requirements

CRJ 101	Introduction to Criminal Justice I.....	3
CRJ 102	Introduction to Criminal Justice II.....	3
CRJ 211	Police in America: An Introduction	3
CRJ 222	Criminal Law and Procedure.....	3
CRJ 289	Law and Justice.....	3
	Foreign Language.....	14

Recommended: SPAN 111, 112, 211, 212. Also accepted: FREN 111, 112, 211, 212, GER 111, 112 and second-year sequence or other foreign language accepted for AA transfer.

TOTAL CORE REQUIREMENTS **29 CREDITS**

TOTAL DEGREE REQUIREMENTS **62 CREDITS**

General Education Requirements

DIVERSITY **(3 CREDITS)**

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH **6 CREDITS**

Required: ENG 101 and 102

FINE ARTS **3 CREDITS**

Recommended for UNR transfer.

ART 100, 160, 260*, 261*, HUM 101, 102, 105, 106, MUS 121, 225, 226, THTR 100, 180 or select from approved general education list for transfer degree on page B-7.

HUMANITIES **6 CREDITS**

MATHEMATICS **3 CREDITS**

Required: MATH 120, 126, 127, 152, 176, 181, 182, 283 or 285 (MATH 126 recommended)

SCIENCE **3 CREDITS**

Choose any course 100-level or above (except those with a 'B' designator) from the following areas provided that a lab is included: ANTH 102, astronomy, ATMS 117, biology, chemistry, environmental science, GEOG 103, geology, NUTR 121, PHYS 100, 151, 152, 180 and 180L or 181 and 181L.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

"to protect and to serve"

Criminal Justice - Corrections/Probation

Associate of Applied Science

The associate of applied science in criminal justice is a degree option for students seeking to enter a highly rewarding career in the criminal justice system. This practitioner oriented program has a degree emphasis in four fields: corrections/probation, investigation, juvenile justice and law enforcement. These four emphasis options and the three UNR transfer degrees, the associate of arts in criminal justice, community policing and problem solving or pre-law, give the students the opportunity to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the CRJ worksheets for community policing and problem solving, criminal justice, law enforcement, investigation, juvenile justice and pre-law.

General Education Requirements

DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page WS-8) Designated diversity courses can be used to fulfill other general education or major requirements.	
ENGLISH/COMMUNICATIONS	6 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

CRJ 101	Introduction to Criminal Justice I	3
CRJ 102	Introduction to Criminal Justice II	3
CRJ 164	Principles of Investigation	3
CRJ 222	Criminal Law and Procedures	3
CRJ 289	Law and Justice	3
TOTAL CORE REQUIREMENTS		15 CREDITS

Emphasis Requirements

CRJ 106	Introduction to Corrections	3
CRJ 215	Probation and Parole	3
CRJ 270	Introduction to Criminology	3
TOTAL EMPHASIS REQUIREMENTS		9 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Elective Requirements

15 credits required, those below are recommended.

CRJ 120	Community Relations	3
CRJ 155	Juvenile Justice	3
CRJ 198B	Special Topics in Criminal Justice	3
CRJ 211	Police in America: An Introduction	3
CRJ 226	Preventions and Control of Delinquency	3
CRJ 290B	Internship in Criminal Justice	3
CRJ 298	Special Topics in CRJ	3

TOTAL ELECTIVE REQUIREMENTS 15 CREDITS

TOTAL DEGREE REQUIREMENTS 63 CREDITS

Criminal Justice Emphasis

Associate of Arts

The associate of arts in criminal justice is designed to serve students either as a stand-alone associate degree in the field of criminal justice or to serve as a transfer option. The transfer option allows students to first obtain their associate of arts in criminal justice, community policing and problem solving or pre-law at TMCC and then continue seamlessly as a junior at the University of Nevada, Reno working toward a bachelor of arts in criminal justice. By choosing specific transfer classes at TMCC students may complete their lower division courses and obtain their associate of arts in criminal justice prior to transferring to UNR. Students are encouraged to obtain counseling and advisement to ensure smooth transition in a university transfer process.

The three associate of arts in criminal justice emphasis, UNR transfer degrees, and the four associate of applied science degrees in criminal justice including corrections/probation, juvenile justice, investigation and law enforcement allow students to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the criminal justice worksheets for community policing and problem solving, corrections/probation, law enforcement, investigation, juvenile justice and pre-law.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 and 102

FINE ARTS 3 CREDITS

Recommended for UNR transfer.

ART 100, 160, 260*, 261*, HUM 101, 102, 105, 106, MUS 121, 225, 226, THTR 100, 180 or select from approved general education list for transfer degree on page B-7.

HUMANITIES 6 CREDITS

MATHEMATICS 3 CREDITS

Required: MATH 120, 126, 127, 152, 176, 181, 182, 283 or 285 (MATH 126 recommended)

SCIENCE 3 CREDITS

Choose any course 100-level or above (except those with a 'B' designator) from the following areas provided that a lab is included: ANTH 102, astronomy, ATMS 117, biology, chemistry, environmental science, GEOG 103, geology, NUTR 121, PHYS 100, 151, 152, 180 and 180L or 181 and 181L.

SOCIAL SCIENCES 12 CREDITS

(Including U.S. and Nevada Constitutions.) CH 201, 202, 203 and PSY 101 or SOC 101 recommended for UNR transfer or select from approved general education requirements.

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

Core Requirements

CPD 116	Substance Abuse-Fund Facts and Insights.....	3
CRJ 101	Introduction to Criminal Justice I.....	3
CRJ 102	Introduction to Criminal Justice II.....	3
CRJ 106	Introduction to Corrections or	(3)
CRJ 211	Police in America: An Introduction	(3)
CRJ 222	Criminal Law and Procedures	3
	Foreign Language	14
	<i>Recommended: SPAN 111, 112, 211, 212. Also accepted: FREN 111, 112, 211, 212, GER 111, 112 and second-year sequence or other foreign language accepted for AA transfer.</i>	

TOTAL CORE REQUIREMENTS 29 CREDITS

TOTAL DEGREE REQUIREMENTS 62 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Criminal Justice - Investigation

Associate of Applied Science

The associate of applied science in criminal justice is a degree option for students seeking to enter a highly rewarding career in the criminal justice system. This practitioner oriented program has a degree emphasis in four fields: corrections/probation, investigation, juvenile justice and law enforcement. These four emphasis options and the three UNR transfer degrees, the associate of arts in criminal justice, community policing and problem solving or pre-law, give the students the opportunity to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the CRJ worksheets for community policing and problem solving, corrections/probation, criminal justice, law enforcement, juvenile justice and pre-law.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CRJ 101	Introduction to Criminal Justice I	3
CRJ 102	Introduction to Criminal Justice II	3
CRJ 164	Principles of Investigation	3
CRJ 222	Criminal Law and Procedures	3
CRJ 289	Law and Justice	3

TOTAL CORE REQUIREMENTS 15 CREDITS

Emphasis Requirements

CRJ 162B	Basic Investigative Photography	3
CRJ 265	Introduction to Physical Evidence	3-4
CRJ 270	Introduction to Criminology	3

TOTAL EMPHASIS REQUIREMENTS 9-10 CREDITS

Elective Requirements

15 credits required, those below are recommended

CRJ 155	Juvenile Justice	3
CRJ 163B	Investigative Photography II	3
CRJ 215	Probation and Parole	3
CRJ 225	Criminal Evidence	3
CRJ 226	Preventions and Control of Delinquency	3
CRJ 289	Law and Justice	3
CRJ 290B	Internship in Criminal Justice	1-8
CRJ 298	Special Topics in CRJ	3

TOTAL ELECTIVE REQUIREMENTS 15 CREDITS

TOTAL DEGREE REQUIREMENTS 63-64 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Criminal Justice - Juvenile Justice

Associate of Applied Science

The associate of applied science in criminal justice is a degree option for students seeking to enter a highly rewarding career in the criminal justice system. This practitioner oriented program has a degree emphasis in four fields: corrections/probation, investigation, juvenile justice and law enforcement. These four emphasis options and the three UNR transfer degrees, the associate of arts in criminal justice, community policing and problem solving or pre-law, give the students the opportunity to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the CRJ worksheets for community policing and problem solving, corrections/probation, criminal justice, law enforcement, investigation and pre-law.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CRJ 101	Introduction to Criminal Justice I.....	3
CRJ 102	Introduction to Criminal Justice II.....	3
CRJ 164	Principles of Investigation.....	3
CRJ 222	Criminal Law and Procedures.....	3
CRJ 289	Law and Justice.....	3

TOTAL CORE REQUIREMENTS 15 CREDITS

Emphasis Requirements

CRJ 155	Juvenile Justice	3
CRJ 215	Probation and Parole.....	3
CRJ 226	Preventions and Control of Delinquency.....	3

TOTAL EMPHASIS REQUIREMENTS 9 CREDITS

Elective Requirements

15 credits required, those below are recommended

CRJ 106	Introduction to Corrections	3
CRJ 120	Community Relations.....	3
CRJ 198B	Special Topics in Criminal Justice.....	3
CRJ 211	Police in America: An Introduction	3
CRJ 235B	Juvenile Courts and Procedures.....	3
CRJ 270	Introduction to Criminology.....	3
CRJ 290B	Internship in Criminal Justice.....	3

TOTAL ELECTIVE REQUIREMENTS 15 CREDITS

TOTAL DEGREE REQUIREMENTS 63 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Criminal Justice - Law Enforcement

Associate of Applied Science

The associate of applied science in criminal justice is a degree option for students seeking to enter a highly rewarding career in the criminal justice system. This practitioner oriented program has a degree emphasis in four fields: corrections/probation, investigation, juvenile justice and law enforcement. These four emphasis options and the three UNR transfer degrees, the associate of arts in criminal justice, community policing and problem solving or pre-law, give the students the opportunity to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the CRJ worksheets for community policing and problem solving, corrections/probation, criminal justice, investigation, juvenile justice and pre-law.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CRJ 101 Introduction to Criminal Justice I 3

CRJ 102 Introduction to Criminal Justice II..... 3

CRJ 164 Principles of Investigation 3

CRJ 222 Criminal Law and Procedures 3

CRJ 289 Law and Justice..... 3

TOTAL CORE REQUIREMENTS 15 CREDITS

Emphasis Requirements

CRJ 211 Police in America: An Introduction 3

CRJ 214 Principles of Police Patrol Techniques 3

CRJ 270 Introduction to Criminology..... 3

TOTAL EMPHASIS REQUIREMENTS 9 CREDITS

Elective Requirements

15 credits required, those below are recommended

CRJ 120 Community Relations..... 3

CRJ 155 Juvenile Justice 3

CRJ 198B Special Topics in Criminal Justice 3

CRJ 215 Probation and Parole..... 3

CRJ 226 Preventions and Control of Delinquency..... 3

CRJ 265 Introduction to Physical Evidence..... 3

CRJ 290B Internship in Criminal Justice 3

TOTAL ELECTIVE REQUIREMENTS 15 CREDITS

TOTAL DEGREE REQUIREMENTS 63 CREDITS



Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Criminal Justice - Pre-Law Emphasis

Associate of Arts

The associate of arts in criminal justice is designed to serve students either as a stand-alone associate degree in the field of criminal justice or to serve as a transfer option. The transfer option allows students to first obtain their associate of arts in criminal justice, community policing and problem solving or pre-law at TMCC and then continue seamlessly as a junior at the University of Nevada, Reno working toward a bachelor of arts in criminal justice. By choosing specific transfer classes at TMCC students may complete their lower division courses and obtain their associate of arts in criminal justice prior to transferring to UNR. Students are encouraged to obtain counseling and advisement to ensure smooth transition in a university transfer process.

The three associate of arts in criminal justice emphasis, UNR transfer degrees, and the four associate of applied science degrees in criminal justice including corrections/probation, juvenile justice, investigation and law enforcement allow students to select and customize their educational experience to allow greater learning in the area of the students' specific interests.

Please see the CRJ worksheets for community policing and problem solving, corrections/probation, criminal justice, law enforcement, investigation and juvenile justice.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 and 102

FINE ARTS 3 CREDITS

Recommended for UNR transfer.

ART 100, 160, 260*, 261*, HUM 101, 102, 105, 106, MUS 121, 225, 226, THTR 100, 180 or select from approved general education list for transfer degree on page B-7.

HUMANITIES 6 CREDITS

MATHEMATICS 3 CREDITS

Required: MATH 120, 126, 127, 152, 176, 181, 182, 283 or 285 (MATH 126 recommended)

SCIENCE 3 CREDITS

Choose any course 100-level or above (except those with a 'B' designator) from the following areas provided that a lab is included: ANTH 102, astronomy, ATMS 117, biology, chemistry, environmental science, GEOG 103, geology, NUTR 121, and PHYS 100, 151, 152, 180 and 180L or 181 or 181L.

SOCIAL SCIENCES 12 CREDITS

(Including U.S. and Nevada Constitutions.) CH 201, 202, 203 and PSY 101 or SOC 101 recommended for UNR transfer or select from approved general education requirements.

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

Core Requirements

CRJ 101	Introduction to Criminal Justice I.....	3
CRJ 102	Introduction to Criminal Justice II.....	3
CRJ 125	Legal Careers and Law Schools.....	1
CRJ 126	Legal Research and Methods.....	1
CRJ 127	Legal Writing.....	1
CRJ 222	Criminal Law and Procedures.....	3
CRJ 289	Law and Justice.....	3
	Foreign Language.....	14

Recommended: SPAN 111, 112, 211, 212. Also accepted: FREN 111, 112, 211, 212, GER 111, 112 and second-year sequence or other foreign language accepted for AA transfer.

TOTAL CORE REQUIREMENTS 29 CREDITS

TOTAL DEGREE REQUIREMENTS 62 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Criminal Justice

Certificate of Achievement

This certificate of achievement allows students to enhance their career potential by obtaining recognition for completing core criminal justice and college courses. Many students earn their certificate of achievement at the halfway point on their way to completing their associate degree.

General Education Requirements

ENGLISH/COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Core Requirements

CRJ 101	Introduction to Criminal Justice I.....	3
CRJ 102	Introduction to Criminal Justice II.....	3
CRJ 164	Principles of Investigation.....	3
CRJ 214	Principles of Police Patrol Techniques.....	3
CRJ 222	Criminal Law and Procedures.....	3
CRJ 289	Law and Justice.....	3
TOTAL CORE REQUIREMENTS		18 CREDITS
TOTAL ELECTIVE REQUIREMENTS		3 CREDITS
TOTAL CERTIFICATE REQUIREMENTS		30 CREDITS



Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Culinary Arts



Culinary Arts

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS
Recommended: BUS 107

CONSTITUTION (U.S. AND NEVADA) 3 CREDITS

ENGLISH 3 CREDITS
Recommended: BUS 106 or 108

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Required: CUL 245

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS
Recommended: ECON 102 or 103

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

CUL 100	Sanitation/HACCP	2
CUL 105	Basic Skills Development	3
CUL 106	Understanding Culinary Techniques I	6
CUL 108	Understanding Culinary Techniques II	6
CUL 125	Principles of Baking	3
CUL 130	Garde Manger	3
CUL 200	Aromatics/Restaurant Experience	4
CUL 210	American Regional Cuisine	3
CUL 220	International Cuisine	3
NUTR 121	Human Nutrition	3

TOTAL CORE REQUIREMENTS 36 CREDITS

Emphasis Requirements

Choose seven credits from the following

CUL 114	Buffet Catering	3
CUL 198	Special Topics in Culinary Arts	0.5-6
CUL 225	Advanced Baking	3
CUL 230	Pastry Arts	3
CUL 250	Saucier	3
CUL 295	Work Experience in Culinary Arts	3
FAB 224	Beers and Wines of the World	3
MGT 103	Small Business Management	3

TOTAL EMPHASIS REQUIREMENTS 7 CREDITS

TOTAL DEGREE REQUIREMENTS 67 CREDITS



Suggested Course Sequence

Course #	Title	Credits
1st Semester		
CUL 105	Basic Skills Development	3
CUL 100	Sanitation/HACCP	2
NUTR 121	Human Nutrition	3
MGT 212	Leadership and Human Relations	3
		Total 11
2nd Semester		
CUL 106	Culinary Techniques I	6
Science	Core Requirement	3
BUS 107	Business Communications	3
		Total 12
3rd Semester		
CUL 108	Culinary Techniques II	6
CUL 245	The Business Chef	3
CUL 125	Principles of Baking	3
		Total 12

Course #	Title	Credits
4th Semester		
CUL 210	American Regional Cuisine	3
CUL 130	Garde Manger	3
Elective	Culinary Elective	3
English	Core Requirement	3
		Total 12
5th Semester		
CUL 220	International Cuisine	3
CUL 295	Work Experience (recommended) or elective	3
Constitution	Core Requirement	3
Social Science/Hum.	Core Requirement	3
		Total 12
6th Semester		
CUL 200	The Restaurant Experience	4
Elective	Culinary Elective	1
Science	Core Requirement	3
		Total 8
		Degree Total 67

Culinary Arts

Certificate of Achievement

General Education Requirements

COMMUNICATIONS	3 CREDITS
Recommended: BUS 107	
ENGLISH	3 CREDITS
Recommended: BUS 106 or 108	
HUMAN RELATIONS	3 CREDITS
Required: MGT 212	
QUANTITATIVE REASONING	3 CREDITS
Required: CUL 245	

TOTAL GENERAL EDUCATION REQUIREMENTS 12 CREDITS

Core Requirements

CUL 100	Sanitation/HACCP	2
CUL 105	Basic Skills Development	3
CUL 106	Understanding Culinary Techniques I	6
CUL 108	Understanding Culinary Techniques II	6
CUL 114	Buffet Catering <i>or</i>	(3)
CUL 130	Garde Manger <i>or</i>	(3)
CUL 220	International Cuisine	(3)
CUL 125	Principles of Baking	3

TOTAL CORE REQUIREMENTS 23 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 35 CREDITS



Suggested Course Sequence

Course #	Title	Credits
1st Semester		
CUL 105	Basic Skills Development	3
CUL 100	Food Service Sanitation	2
English	Core Requirement	3
MGT 212	Leadership and Human Relations	3
		Total 11
2nd Semester		
CUL 106	Culinary Techniques I	6
BUS 107	Business Communications	3
CUL 245	The Business Chef	3
		Total 12
3rd Semester		
CUL 108	Culinary Techniques II	6
	CUL 114, 130 or 220	3
CUL 125	Principles of Baking	3
		Total 12
Degree Total		35

Culinary Arts

Baking and Pastry – Certificate of Achievement

General Education Requirements

COMMUNICATIONS 3 CREDITS
Recommended: BUS 107

ENGLISH 3 CREDITS
Recommended: BUS 106 or 108

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS
Required: CUL 245

TOTAL GENERAL EDUCATION REQUIREMENTS 12 CREDITS

Core Requirements

CUL 100 Sanitation/HACCP 2
CUL 105 Basic Skills Development..... 3
CUL 125 Principles of Baking..... 3
CUL 170 Retail Deli and Bakery 3
CUL 225 Advanced Baking 3
CUL 230 Pastry Arts 3
CUL 295 Work Experience in Culinary Arts..... 3
NUTR 121 Human Nutrition..... 3

TOTAL CORE REQUIREMENTS 23 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 35 CREDITS



Suggested Course Sequence

Course #	Title	Credits
1st Semester		
CUL 105	Basic Skills Development	3
CUL 100	Food Service Sanitation	2
English	Core Requirement	3
MGT 212	Leadership and Human Relations	3
		Total 11
2nd Semester		
CUL 125	Principles of Baking	3
CUL 225	Advanced Baking	3
CUL 245	The Business Chef	3
NUTR 121	Human Nutrition	3
BUS 107	Business Communications	3
		Total 15
3rd Semester		
CUL 230	Pastry Arts	3
CUL 170	Retail Deli & Bakery	3
CUL 295	Work Experience in Culinary Arts	3
		Total 9
		Degree Total 35

Dental Assisting Program

Special Admission Requirements and Procedures

Program completion time varies and depends on number of credits taken per semester. Please contact the program coordinator at 775-673-7125 for information concerning salaries, careers and employment upon completion of this program. www.tmcc.edu/dental

The Dental Assisting Program offers a:

- Certificate of Achievement – Can be completed in 10-12 months, see certificate worksheet.
- Associate of Applied Science – Can be completed in 2 years, see degree worksheet.

Admission to the dental assisting AAS degree program and the certificate program is limited and requires special requirements and procedures. Please contact program advisor for program application procedure updates.

Students start the program at the beginning of the fall semester.

The program has a chronological applicant list and is based on a “first-come, first-served” policy. The student’s name will be placed on the applicant list when the following criteria have been satisfied.

- Be at least 17 years old.
- Submit a completed application to the dental assisting program to the admissions and records office.
- Submit the application for admission, available online at www.tmcc.edu, and resident fees form to the admissions and records office.

In addition to the above listed requirements, applicants must fulfill the following requirements by June 5* to be eligible for acceptance into the fall semester program.

- Schedule and attend a health science department advisement/orientation session on the dental assisting program with the dental assisting coordinator. The certificate of advisement form must be signed by the program coordinator and student, then submitted to the admissions and records office. Please call 775-673-7204 to reserve your seat at an orientation session.
- Submit an official transcript showing proof of high school graduation or official results of high school equivalency.
- Satisfy all general college admission criteria.

*After June 5, call program coordinator to get updated information regarding the deadline extension policy.

Students accepted into the DA program are required to attend a mandatory program orientation class prior to the beginning of the fall semester. Upon acceptance into the program, students will be notified by mail of the date of the orientation class. At this orientation, the students will receive:

- orientation packet,
- course syllabi,
- policies and procedures,
- bloodborne pathogens and universal precautions training, and
- lab safety/procedure instructions.

Students accepted into the DA program are required to provide copies of the following documents at the mandatory orientation class:

- Current healthcare provider CPR card
- Results of a negative (current) two-stage TB test/chest X-ray.
- DT immunization (within the last 10 years)
- MMR immunization (students born after 1956 must have received a booster)
- Hepatitis B vaccination series (recommended by the American Dental Association). Provide documentation of initial immunization and each subsequent required immunization of the series or a letter of refusal from student’s physician.
- Current proof of health insurance. If you do not have private insurance, you can purchase insurance through TMCC.

Dental assisting students must meet certain technical standards.

- Be free from conditions that put other humans at risk.
- Be able to concentrate and attend.
- Be able to sit, bend, lift and reach.
- Be able to visualize the immediate environment.
- Be able to hear environmental sounds and instructions.
- Possess the ability to read, write, record and report.
- Be able to understand and react to verbal instructions.
- Be able to effectively communicate with instructors and patients to provide and gather information.

Students will be notified in writing of their application status and their position on the applicant list in April. The admissions and records office will begin notifying the students accepted into the program in early July.

An appeals process is available for those applicants who are unable to meet the admissions criteria for the program due to extenuating circumstances. Please refer to the course catalog for current information.

Applications for specific years will not be accepted.

Applicant List:

The program has a chronological applicant list and is based on a “first-come, first-served” policy. The student’s name will be placed on the applicant list when the following criteria have been satisfied. Students who do not accept the program in the year offered will have their name deleted from the list and must reapply for the following year. Points toward admission can move a student from a lower to a higher position on the list. You can apply and be accepted into the program before completing these courses, however, it is suggested that they be completed prior to the application deadline to be included in the admissions selection process.

Points toward admission:

ENG 101 – 2 points
PSY 101 – 1 point
SPCM and COM 113 – 1 point

- Students will be notified in writing of their application status and their position on the applicant list in March or April. The admissions and records office will begin notifying the students accepted into the program in early July.
- An appeals process is available for those applicants who are unable to meet the admissions criteria for the program due to extenuating circumstances. Please refer to this course catalog for current information.
- Applicants for specific years will not be accepted.
- The student’s name will be deleted from the applicant list if the student’s numerical position on the list is equal to or less than the number of openings available for the program in a given year, or the student does not accept the program when selected. Students who have been deleted from the list may reapply to the program by contacting the admissions and records office.
- Each spring the admissions and records office will contact by mail all individuals on the applicant list who were not selected into the program. They will be required to respond positively for their names to remain on the applicant list for the next year. All individuals who do not respond by the indicated deadline will have their names deleted from the list.

Student progression in the program is contingent upon attaining a grade of “C” or better in all dental assisting curriculum. Courses are to be taken in the sequence outlined on the worksheet.

Interested individuals must contact the dental assisting program, 775-673-7125 or 775-673-7204, or stop by the health sciences office located in the Red Mountain Building, room 418.

NOTE: All dental assisting courses are taught during the day in classrooms on the Dandini Campus by full- and part-time instructors with an average class size of 20-25.

Accreditation

The TMCC program in dental assisting is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of approval without reporting requirements. The commission is a specialized accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

Dental Assisting

Associate of Applied Science

General Education Requirements

It is recommended that the following courses be taken prior to entering the dental assisting program.

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

Required: ENG 101 and SPCM 113

SOCIAL SCIENCES 6 CREDITS

Required: PSY 101 and SOC 101

QUANTITATIVE REASONING 3 CREDITS

Required: MATH 100B
Course subject to name change. See program coordinator for update.

SCIENCE 11 CREDITS

Required: BIOL 223, 224 and NUTR 223

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

Required: PSC 103

TOTAL GENERAL EDUCATION REQUIREMENTS 29 CREDITS

Core Requirements

All DA courses are to be taken in the time sequence indicated.
A grade of "C" or better required.

Level I (fall)

DA 110B Orientation to Dental Assisting 1
Satisfies three-credit human relations requirement.

DA 111B	Dental Radiography I	3**
DA 112B	Dental/Head and Neck Anatomy	3
	<i>Satisfies three-credit human relations requirement.</i>	
DA 115B	Dental Health Education	1
DA 116B	Preclinical Dental Science	1.5
DA 117B	Dental Materials and Techniques I	2
DA 119B	Dental Chairside Procedures	4**

TOTAL LEVEL I REQUIREMENTS 15.5 CREDITS

Level II

DA 121B	Dental Radiography II	2**
DA 122B	Clinical Dental Science	2
DA 123B	Practice Management and Procedures	2
DA 125B	Supervised Clinical I	4**
	<i>Satisfies three-credit human relations requirement.</i>	
DA 127B	Dental Materials and Lab Techniques II	2

TOTAL LEVEL II REQUIREMENTS 12 CREDITS

Summer Session

DA 135B	Supervised Clinical II	5**
DA 137B	Specialized Dental Assisting	1**

TOTAL SUMMER SESSION REQUIREMENTS 6 CREDITS

TOTAL CORE REQUIREMENTS 33.5 CREDITS

TOTAL DEGREE REQUIREMENTS 62.5 CREDITS

** Starting fall 2007 these courses may be subject to a credit hour increase.
Please contact the program coordinator for updated information.

Suggested Course Sequence

All emphasis courses are to be taken in the sequence indicated. A grade of 75% or better is required in all emphasis courses. Credits may increase fall 2007. Contact program coordinator for details.

Full-time	Course #	Title	Credits
Level I (Fall)			
Satisfies 3 HR req. cr.	DA 110B	Orientation to Dental Assisting	1
	DA 111B	Introduction to Dental Radiography	3
Satisfies 3 HR req. cr.	DA 112B	Dental/Head and Neck Anatomy	3
	DA 115B	Dental Health Education	1
	DA 116B	PreClinical Dental Science	1.5
	DA 117B	Dental Materials and Techniques I	2
	DA 119B	Dental Chairside Procedures	4
		Total	15.5
Level II (Spring)			
	DA 121B	Dental Radiography	2
	DA 122B	Clinical Dental Science	2
	DA 123B	Practice Management and Procedures	2
Satisfies 3 HR req. cr.	DA 125B	Supervised Clinical I	4
	DA 127B	Dental Materials and Lab Techniques II	2
		Total	12
Level III (Summer)			
	DA 135B	Supervised Clinical II	5
	DA 137B	Specialized Dental Assisting	1
		Total	6
		Core Requirements Total	62.5

Part-time	Course #	Title	Credits
Level I (Fall)			
Satisfies 3 HR req. cr.	DA 110B	Orientation to Dental Assisting	1
Satisfies 3 HR req. cr.	DA 112B	Dental Head and Neck Anatomy	3
	DA 116B	PreClinical Dental Science	1.5
	ENG 101		3
	COM 113		3
	PSY 101		3
		Total	14.5
Level II (Spring)			
	DA 122B	Clinical Dental Science	2
	DA 123B	Practice Management and Procedures	2
	BIOL 223		4
	SOC 101		3
	PSC 103		3
		Total	14
Level III (Fall)			
	DA 111B	Introduction to Dental Radiography	3
	DA 115B	Dental Health Education	1
	DA 117B	Dental Materials and Techniques I	2
	DA 119B	Dental Chairside Procedures	4
	BIOL 224		4
		Total	14
Level IV (Spring)			
	DA 121B	Dental Radiography	2
Satisfies 3 HR req. cr.	DA 125B	Supervised Clinical I	4
	DA 127B	Dental Materials and Lab Techniques II	2
	NUTR 223		3
	MATH 100B		3
		Total	14
Level V (Summer)			
	DA 135B	Supervised Clinical II	5
	DA 137B	Specialized Dental Assisting	1
		Total	6
		Degree Total	62.5



Dental Assisting, Full-time/Part-time

Certificate of Achievement

General Education Requirements

"C" or better required. It is highly recommended that the following courses be taken prior to entering the dental assisting program.

ENGLISH/COMMUNICATIONS 6 CREDITS
Required: ENG 101 and SPCM 113

SOCIAL SCIENCES 3 CREDITS
Required: PSY 101

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Emphasis Requirements

Level I

DA 110B	Orientation to Dental Assisting	1
	<i>Satisfies one to three-credit human relations requirement.</i>	
DA 111B	Dental Radiography I	3 **
DA 112B	Dental/Head and Neck Anatomy	3
	<i>Satisfies one to three-credit human relations requirement.</i>	
DA 115B	Dental Health Education	1
DA 116B	Preclinical Dental Science.....	1.5
DA 117B	Dental Materials and Techniques I.....	2
DA 119B	Dental Chairside Procedures.....	4 **

TOTAL LEVEL I REQUIREMENTS 15.5 CREDITS

Level II

DA 121B	Dental Radiography II	2 **
DA 122B	Clinical Dental Science	2
DA 123B	Practice Management and Procedures	2
DA 125B	Supervised Clinical I	4 **
	<i>Satisfies one to three-credit human relations requirement.</i>	
DA 127B	Dental Materials and Lab Techniques II	2

TOTAL LEVEL II REQUIREMENTS 12 CREDITS

Summer Session

DA 135B	Supervised Clinical II	5 **
DA 137B	Specialized Dental Assisting.....	1 **

TOTAL SUMMER SESSION REQUIREMENTS 6 CREDITS

TOTAL EMPHASIS REQUIREMENTS 33.5 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 42.5 CREDITS

** Starting fall 2007 these courses may be subject to credit hour increase. Please contact the program coordinator for updated information.

Suggested Course Sequence

All emphasis courses are to be taken in the sequence indicated. A grade of 75% or better is required in all emphasis courses. Credits may increase fall 2007. Contact program coordinator for details.

Full-time	Course #	Title	Credits
Level I (Fall)			
Satisfies 3 HR req. cr.	DA 110B	Orientation to Dental Assisting	1
	DA 111B	Introduction to Dental Radiography	3
Satisfies 3 HR req. cr.	DA 112B	Dental/Head and Neck Anatomy	3
	DA 115B	Dental Health Education	1
	DA 116B	PreClinical Dental Science	1.5
	DA 117B	Dental Materials and Techniques I	2
	DA 119B	Dental Chairside Procedures	4
		Total	15.5
Level II (Spring)			
	DA 121B	Dental Radiography	2
	DA 122B	Clinical Dental Science	2
	DA 123B	Practice Management and Procedures	2
Satisfies 3 HR req. cr.	DA 125B	Supervised Clinical I	4
	DA 127B	Dental Materials and Lab Techniques II	2
		Total	12
Level III (Summer)			
	DA 135B	Supervised Clinical II	5
	DA 137B	Specialized Dental Assisting	1
		Total	6
		Emphasis Requirements Total	33.5

Part-time	Course #	Title	Credits
Level I (Fall)			
Satisfies 3 HR req. cr.	DA 110B	Orientation to Dental Assisting	1
Satisfies 3 HR req. cr.	DA 112B	Dental Head and Neck Anatomy	3
	DA 116B	PreClinical Dental Science	1.5
		Total	5.5
Level II (Spring)			
	DA 122B	Clinical Dental Science	2
	DA 123B	Practice Management and Procedures	2
		Total	4
Level III (Fall)			
	DA 111B	Introduction to Dental Radiography	3
	DA 115B	Dental Health Education	1
	DA 117B	Dental Materials and Techniques I	2
	DA 119B	Dental Chairside Procedures	4
		Total	10
Level IV (Spring)			
	DA 121B	Dental Radiography	2
Satisfies 3 HR req. cr.	DA 125B	Supervised Clinical I	4
	DA 127B	Dental Materials and Lab Techniques II	2
		Total	8
Level V (Summer)			
	DA 135B	Supervised Clinical II	5
	DA 137B	Specialized Dental Assisting	1
		Total	6
		Emphasis Requirements Total	33.5

Dental Hygiene Program

Dental Hygiene Program

The dental hygienist is dedicated to providing preventative and therapeutic dental hygiene care. Some of the responsibilities routinely performed by hygienists in Nevada include:

- performing oral cancer screening through examination of soft tissues
- examining periodontal (gum and bone) structure around and supporting teeth
- taking and interpreting radiographs
- removing stain, hard (calculus), and soft (plaque) deposits from tooth surfaces above and below the gum line utilizing scaling and rootplaning procedures
- administering topical fluoride treatments
- applying dental sealants
- administering local anesthesia and nitrous-oxide sedation
- designing and implementing treatment plans for individuals
- designing and implementing oral health programs for groups
- providing dental health education for individuals and groups

Graduates of the TMCC dental hygiene program will be prepared to complete the written Dental Hygiene National Board Examination, the Nevada State Board Clinical Examination and many other state/regional clinical examinations in the U.S.

The dental hygiene program is a two-year (four-semester) program once the student has been accepted which does not include the general education requirements for the Associate of Science degree or the science prerequisite courses for dental hygiene.

Dental hygiene students must meet certain technical standards:

- possess good hand/eye coordination and manual strength and dexterity to perform instrumentation skills necessary for direct patient care
- hold a current CPR card and be able to perform emergency procedures required in the field
- be free from conditions which put other humans at risk (i.e., active tuberculosis. Persons with blood borne pathogen infections are not excluded from the program or clinic facility.)
- possess ability to read, write, record and report
- be able to understand and react quickly to verbal instructions and patient needs
- be able to effectively communicate with patients to explain procedures, provide instructions and educate

Limited Entry

The dental hygiene program is a limited entry program with a competitive admissions process. Twelve students will be admitted each fall with a minimum GPA of 2.75 in prerequisite course work. Applicants not selected will not be carried forward to the next year, and must reapply for consideration. Additional program information is available in the dental clinic office 775-673-8247, located in the Red Mountain Building (RDMT) 415A, the health sciences office 775-673-7115, located in RDMT 417, the Starting Point in the Student Services Building and the counseling and advisement office RDMT 325.

Student Selection

This is a limited-entry program. The admissions and records office will be responsible for the initial screening of applicants meeting minimum criteria. The final selection of students will be conducted by the dental hygiene program screening committee. Applicants will be ranked using selection criteria including experience in the field, overall prerequisite GPA, prerequisite science GPA and other criteria established by the screening committee.

Accepted Students

Students accepted into the program will be required to show proof of CPR certification, health insurance and adherence to the dental hygiene program infectious disease/immunization policy, prior to admission into the program. Please contact program director for requirement information. Medical, eye and dental exams must also be completed. Medical insurance is required and may be purchased through TMCC.

Licensure

All states require that dental hygienists be licensed. In addition to successfully graduating from the accredited dental hygiene program and passing the written Dental Hygiene National Board Examination, graduates must pass the Nevada State Board Clinical Examination. The Nevada Dental Practice Act (NRS 631.290) requires that candidates for licensure be of good moral character and be citizens of the U.S. or lawfully entitled to remain and work in the U.S. Prospective students are advised that if they have felony or misdemeanor convictions or have a history of substance abuse or infectious disease that this may preclude subsequent licensure as a dental hygienist in Nevada (NAC 631.050).



Dental Hygiene

Associate of Applied Science

Science Prerequisites

Required for this emphasis. Must have completed within the last five years.

SCIENCE _____ 16 CREDITS

Required: BIOL 223, 224, 251 and CHEM 121

TOTAL PREREQUISITE REQUIREMENTS 16 CREDITS

General Education Requirements

DIVERSITY _____ 3 CREDITS

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS _____ 6 CREDITS

Required: ENG 101 and 102 or SPCM 113

HUMAN RELATIONS _____ 3 CREDITS

QUANTITATIVE REASONING _____ 3 CREDITS

Required: MATH 120

SCIENCE (INCLUDED IN PREREQUISITES) _____ (16 CREDITS)

SOCIAL SCIENCES/HUMANITIES _____ 6 CREDITS

Required: PSY 101 and SOC 101

U.S. AND NEVADA CONSTITUTIONS _____ 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Emphasis Requirements

DH 104	Dental Hygiene I	3
DH 105	Intro to Clinical Practice.....	2
DH 106B	Dental Science Core.....	6
DH 107	Legal and Ethical Implications in Dental Hygiene.....	1
DH 108B	Concepts of Prevention	2
DH 112	Oral Radiology.....	3
DH 113	General and Oral Pathology.....	3
DH 115	Clinical Practice I.....	3
DH 117	Periodontics I.....	2
DH 120	Fundamentals of Nutrition in Dentistry.....	3
DH 202	Pharmacology.....	2
DH 203	Special Patients.....	2
DH 205	Clinical Practice II.....	5
DH 206B	Dental Materials.....	3
DH 207	Periodontics II.....	2
DH 208	Community Dental Health I.....	2
DH 209	Pain and Anxiety Control.....	3
DH 215	Clinical Practice III.....	5
DH 216	Principles of Dental Practice.....	1
DH 217	Periodontics III.....	1
DH 218	Community Dental Health II.....	2

TOTAL EMPHASIS REQUIREMENTS 56 CREDITS

TOTAL DEGREE REQUIREMENTS 96 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Dental Hygiene

Associate of Science

Science Prerequisites

Required for this emphasis. Must have completed within the last 5 years.

SCIENCE 16 CREDITS

Required: BIOL 223, 224, 251 and CHEM 121

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

Required: ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

Recommend: ART 270. See catalog for approved courses.

HUMANITIES 6 CREDITS

Required: PHIL 135, AM 145 recommended. See catalog for approved courses.

QUANTITATIVE REASONING 6 CREDITS

Required: MATH 126 and 127

SCIENCE (INCLUDED IN PREREQUISITES) (16 CREDITS)

SOCIAL SCIENCE 6 CREDITS

Required: SOC 101 and PSY 101

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 46 CREDITS

Emphasis Requirements

First Semester

DH 102	Oral Biology	4
DH 103	Head and Neck Anatomy.....	2
DH 104	Dental Hygiene I	3
DH 105	Intro to Clinical Practice.....	2
DH 110	Concepts of Oral Health.....	2
DH 112	Oral Radiology.....	3

TOTAL 1ST SEM. EMPHASIS REQUIREMENTS 16 CREDITS

Second Semester

DH 113	General and Oral Pathology.....	3
DH 115	Clinical Practice I	3
DH 117	Periodontics I	2
DH 120	Fundamentals of Nutrition in Dentistry.....	3
DH 202	Pharmacology.....	2

TOTAL 2ND SEM. EMPHASIS REQUIREMENTS 13 CREDITS

Summer (3 Weeks)

DH 209	Pain and Anxiety Control.....	3
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TOTAL SUMMER SEM. EMPHASIS REQUIREMENTS 3 CREDITS

Third Semester

DH 203	Special Patients.....	2
DH 205	Clinical Practice II	5
DH 207	Periodontics II	2
DH 208	Community Dental Health I.....	2
DH 211	Dental Materials & Techniques for Dental Hygienists.....	2

TOTAL 3RD SEM. EMPHASIS REQUIREMENTS 13 CREDITS

Fourth Semester

DH 107	Legal and Ethical Implications in Dental Hygiene.....	1
DH 215	Clinical Practice III	5
DH 216	Principles of Dental Practice.....	1
DH 217	Periodontics III	1
DH 218	Community Dental Health II.....	2
DH 299B	Independent Study	1-5

TOTAL 4TH SEM. EMPHASIS REQUIREMENTS 10-15 CREDITS

TOTAL EMPHASIS REQUIREMENTS 55-60 CREDITS

TOTAL DEGREE REQUIREMENTS 101-106 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Dietetic Emphasis

Associate of Science

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

Refer to page B-7 of the catalog.

HUMANITIES 3 CREDITS

CH 201

MATHEMATICS 6 CREDITS

MATH 126 and 127

SCIENCE 16 CREDITS

CHEM 121 and 122, BIOL 190 and 251

SOCIAL SCIENCES 6 CREDITS

PSY 101, CH 202

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

CH 203

TOTAL GENERAL EDUCATION REQUIREMENTS 43 CREDITS

Emphasis Requirements

COM 113 Fundamentals of Speech I 3

BIOL 223 Human Anatomy and Physiology I 4

BIOL 224 Human Anatomy and Physiology II 4

NUTR 200 Food Services Systems Management 3

NUTR 221 Quantity Food Purchasing 3

NUTR 223 Principles of Nutrition 3

TOTAL EMPHASIS REQUIREMENTS 20 CREDITS

TOTAL DEGREE REQUIREMENTS 63 CREDITS

Suggested Course Sequence

Course #	Title	Credits
1st Semester		
ENG 101		3
MATH 126		3
CHEM 121		4
BIOL 190		4
NUTR 220		3
Total		17
2nd Semester		
ENG 102		3
CHEM 122		4
BIOL 251		4
MATH 127		3
CH 201		3
Total		17

Course #	Title	Credits
3rd Semester		
NUTR 221		3
BIOL 223		4
COM 113		3
PSY 101		3
4th Semester		
Fine Arts		3
CH 203		3
BIOL 224		4
NUTR 223		3
CH 202		3
Total		16
Degree Total		63

Dietetic Technician Program

Dietetic Technician Program

Upon successful completion of the dietetic technician program, the student is eligible to sit for the Commission of Dietetics Registration (CDR) national exam for Dietetic Technician, Registered. A student may complete the dietetic technician program by successfully completing one of the following three options.

Track 1 Students

Track 1 is for students seeking a four-year degree or for students who are seeking an associate of applied science (AAS) degree, but who may eventually seek a four-year degree. Track 1 students take 16 credits of science prerequisites: Biology 190, 223, 224 and 251.

Track 2 Students

Track 2 is for students who are seeking an associate of applied science (AAS) degree. Track 2 students take eight credits of science prerequisites: Biology 141B and 142B. These credits may not transfer to a four-year institution within the NSHE system.

Students With A Four-year Degree

A student with a four-year didactic degree in nutrition from an institution accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association may qualify as a Track 3 student. The following conditions must be met. The student must provide the following to the dietetic technician program director.

1. Official copies of all transcripts
2. The original Statement of Verification issued from an ADA accredited four-year institution. The Statement of Verification must be for a didactic program for dietetics.

To complete the program and be eligible to take the exam for registration, a Track 3 student must complete 3 three-credit courses comprised of 450 hours of supervised work experience at a satisfactory level.

To be considered for acceptance as a Track 3 student, please contact the dietetic technician program director at 775-673-8218 or jgrover@tmcc.edu

Accreditation

The dietetic technician program is accredited by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association, a specialized accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the United States Department of Education. Commission on Accreditation for Dietetics Education can be contacted at:

Commission on the Accreditation for Dietetics Education
American Dietetic Association
120 South Riverside Plaza, Suite 2000
West Jackson Boulevard, Chicago, IL 60606-6995
312-899-0040 ext. 5400
www.eatright.org



Dietetic Technician

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)

Recommended: NUTR 253

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

Recommended: ENG 102, BUS 107

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

Required: CUL 245

SCIENCE 8-16 CREDITS

Required: BIOL 190, 223, 224 and 251 Track I or BIOL 141B and 142B Track II

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

Recommended: CH 201

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

Recommended: CH 203

TOTAL GENERAL EDUCATION REQUIREMENTS 26-34 CREDITS

Core Requirements

CUL 100	Sanitation/HACCP	2
NUTR 100B	Introduction to Dietetic Technician Program	0.5
NUTR 220	Food Service Systems Management	3
NUTR 221	Quantity Food Purchasing	3
NUTR 223	Principles of Nutrition	3
NUTR 233	Community and Lifecycle Nutrition	3
NUTR 243	Medical Nutrition Therapy for Dietetic Techs I	3
NUTR 244	Medical Nutrition Therapy for Dietetic Techs II	3
NUTR 253	Cultural Considerations in Nutr and Health Care	3
	<i>Satisfies diversity requirement.</i>	
NUTR 291B	Nutrition Internship – Food Service	3
NUTR 292B	Nutrition Internship – Community	3
NUTR 293B	Nutrition Internship – Clinical	3

TOTAL CORE REQUIREMENTS 32.5 CREDITS

Suggested Electives

HDFS 201	Lifespan Human Development	3
NUTR 298B	Special Topics in Nutrition	1-3
PSY 101	General Psychology	3

TOTAL ELECTIVES 7-9 CREDITS

TOTAL DEGREE REQUIREMENTS 65.5-75.5 CREDITS

Dietetic technician courses are listed under the heading "nutrition."
For more information on the dietetic technician program,
call 775-673-8218 or 775-674-7657.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Early Childhood Education



Early Childhood Education

Associate of Arts

General Education Requirements

DIVERSITY Required: HDFS 232	(3 CREDITS)
ENGLISH/COMMUNICATIONS Required: ENG 101 and 102	6 CREDITS
FINE ARTS	3 CREDITS
HUMANITIES Required: CH 201 and 202	6 CREDITS
MATHEMATICS	3 CREDITS
SCIENCE (LAB REQUIRED) Required: NUTR 121	3 CREDITS
SOCIAL SCIENCES Required: PSY 101	9 CREDITS
U.S. AND NEVADA CONSTITUTIONS Required: CH 203	3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

Core Requirements

ECE 130	Infancy.....	3
ECE 200	The Exceptional Child.....	3
ECE 204	Principles of Child Guidance.....	3
ECE 231	Preschool Practicum: Child Development Lab.....	5
ECE 240	Administration of the Preschool.....	3
ECE 250	Introduction to Early Childhood Education.....	3
ECE 251	Curriculum in Early Childhood Education.....	3
HDFS 201	Lifespan Human Development.....	3
HDFS 202	Introduction to Families.....	3
HDFS 232	Diversity in Young Children.....	3

TOTAL CORE REQUIREMENTS 32 CREDITS

Elective Requirement

Three credits required.

TOTAL ELECTIVE REQUIREMENTS 3 CREDITS

TOTAL DEGREE REQUIREMENTS 68 CREDITS

Emphasis Suggested Schedule

- LEVEL I—ECE 131, ENG 101, HDFS 201, PSY 101, fine arts, elective
- LEVEL II—ECE 204, ENG 102, HDFS 202, NUTR 121, CH 201, elective
- LEVEL III—ECE 130, ECE 251, math, science (group A), CH 202
- LEVEL IV—ECE 200, ECE 231, ECE 240, HDFS 232, CH 203

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Early Childhood Education - Infant/Toddler

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS) Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
ENGLISH/COMMUNICATIONS 6 CREDITS Required: ENG 101	
HUMAN RELATIONS 3 CREDITS Required: MGT 212	
QUANTITATIVE REASONING 3 CREDITS	
SCIENCE 6 CREDITS Required: NUTR 121	
SOCIAL SCIENCES/HUMANITIES 3 CREDITS Required: PSY 101	
U.S. AND NEVADA CONSTITUTIONS 3 CREDITS	
TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS	

Core Requirements

Required for all ECE emphases.

A student must maintain a cumulative grade point average of a 2.0 (C) or better and a minimum grade of "C" must be made in each of the core requirements.

ECE 200 The Exceptional Child	3
ECE 204 Principles of Child Guidance	3
ECE 240 Administration of the Preschool	3
ECE 250 Introduction to Early Childhood Education	3
ECE 251 Curriculum in Early Childhood Education	3
HDFS 201 Lifespan Human Development	3
HDFS 202 Introduction to Families	3
TOTAL CORE REQUIREMENTS	21 CREDITS

Emphasis Requirements

ECE 124 Sensorimotor Dev Infants and Toddlers	3
ECE 125 Language Development Infant Toddler	3
ECE 126 Social/Emotional Dev for Infants/Toddlers	3
ECE 127 Role of Play for Infants and Toddlers	1
ECE 128 Self Help Skills for Infants and Toddlers	2
ECE 129 Environments for Infant and Toddler	3
ECE 236 Practicum with Infants and Toddlers	5

TOTAL EMPHASIS REQUIREMENTS 20 CREDITS

TOTAL DEGREE REQUIREMENTS 65 CREDITS

Students who receive an early childhood education AAS degree with an emphasis in infant/toddler must complete practicum credits through TMCC.

Infant/Toddler Emphasis Suggested Schedule

- LEVEL I—ENG 101, PSY 101, ECE 124, ECE 250, science
- LEVEL II—HDFS 201, MGT 212, ECE 125, ECE 126,
- LEVEL III—PSC 103, NUTR 121, ECE 127, ECE 128, math
- LEVEL IV—ECE 129, ECE 200, ECE 236, ECE 240

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Early Childhood Education - Preschool

Associate of Applied Science

General Education Requirements

DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
ENGLISH/COMMUNICATIONS	6 CREDITS
Required: ENG 101	
HUMAN RELATIONS	3 CREDITS
Required: MGT 122	
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
Required: NUTR 121	
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
Required: PSY 101	
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

Required for all ECE emphases.

Students who receive an early childhood education AAS degree with an emphasis in preschool must complete practicum credits through TMCC.

ECE 200	The Exceptional Child	3
ECE 204	Principles of Child Guidance	3
ECE 240	Administration of the Preschool	3
ECE 250	Introduction to Early Childhood Education	3
ECE 251	Curriculum in Early Childhood Education	3
HDFS 201	Lifespan Human Development	3
HDFS 202	Introduction to Families	3

TOTAL CORE REQUIREMENTS..... **21 CREDITS**

Emphasis Requirements

ECE 130	Infancy.....	3
ECE 231	Preschool Practicum: Child Development Lab.....	5
MGT 171	Supervision	3
	Electives (Must be early childhood or approved)	4

TOTAL EMPHASIS REQUIREMENTS..... **15 CREDITS**

TOTAL DEGREE REQUIREMENTS..... **60 CREDITS**

A student must maintain a cumulative grade point average of a 2.0 (C) or better and a minimum grade of "C" must be made in each of the core requirements.

Preschool Emphasis Suggested Schedule

- LEVEL I—ENG 101, HDFS 201, PSC 103, ECE 250, math
- LEVEL II—NUTR 121, PSY 101, ECE 200, electives, communications
- LEVEL III—MGT 212, ECE 130, ECE 204, science
- LEVEL IV—MGT 171, ECE 231, ECE 240, HDFS 202, electives

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Early Childhood Special Education

Early Childhood Education – Associate of Applied Science

General Education Requirements

DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
ENGLISH/COMMUNICATIONS	6 CREDITS
Required: ENG 101	
HUMAN RELATIONS	3 CREDITS
Required: MGT 212	
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
Required: NUTR 121	
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
Required: PSY 101	
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

Required for all ECE emphases.

A student must maintain a cumulative grade point average of a 2.0 (C) or better and a minimum grade of "C" must be made in each of the core requirements.

ECE 200	The Exceptional Child.....	3
ECE 204	Principles of Child Guidance.....	3
ECE 240	Administration of the Preschool.....	3
ECE 250	Introduction to Early Childhood Education.....	3
ECE 251	Curriculum in Early Childhood Education.....	3
HDFS 201	Lifespan Human Development.....	3
HDFS 202	Introduction to Families.....	3
TOTAL CORE REQUIREMENTS		21 CREDITS

Emphasis Requirements

ECE 130	Infancy.....	3
ECE 140	Role of the Special Needs Assistant.....	1
ECE 141	Behavior Mgmt in an EC Spec Ed Classroom Special Education Classroom.....	1
ECE 142	Comm Resrc for Young Children w/ Special Needs.....	1
ECE 143	Medical Aspects of Special Education.....	1
ECE 144	Field Exp in Early Childhood Spec Ed.....	1-3
ECE 233	Practicum in Early Childhood Spe Education.....	5
ECE 235	Adopting Curricula for Yng Children/Special Needs.....	3

TOTAL EMPHASIS REQUIREMENTS..... **16-18 CREDITS**

TOTAL DEGREE REQUIREMENTS..... **61-63 CREDITS**

Students who receive an early childhood education AAS degree with an emphasis in special education must complete practicum credits through TMCC.

Special Education Emphasis Suggested Schedule

- LEVEL I—ENG 101, HDFS 201, PSC 103, ECE 250, science
- LEVEL II—communications, HDFS 202, ECE 140, ECE 142, ECE 144, ECE 200
- LEVEL III—Math, NUTR 121, ECE 130, ECE 141, ECE 204,
- LEVEL IV—ECE 233, ECE 235, ECE 240

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Early Childhood Education – Director

Early Childhood Education – Certificate of Achievement

General Education Requirements

COMMUNICATIONS 3 CREDITS
Required: ENG 101

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

A student must maintain a cumulative grade point average of a 2.0 (C) or better and a minimum grade of "C" must be made in each of the core requirements.

ECE 204 Principles of Child Guidance 3
ECE 231 Preschool Practicum: Child Development Lab 1-5
Students who received either the early childhood education certificate of achievement or AAS in early childhood education must complete practicum at TMCC.

ECE 250 Introduction to Early Childhood Education 3
ECE 251 Curriculum in Early Childhood Education 3
HDFS 201 Lifespan Human Development 3
NUTR 121 Human Nutrition 3
PSY 101 General Psychology 3

Choose three credits from the following

ECE 121 Parent Caregiver Relationships 1
ECE 123 Health and Nutrition for Young Children 1
ECE 124 Sensorimotor Dev Infants and Toddlers 1-3
ECE 125 Language Development Infant Toddler 1
ECE 127 Role of Play for Infants and Toddlers 1
ECE 129 Environments for Infant and Toddler 1
ECE 151 Math in the Preschool Curriculum 1
ECE 152 Science in the Preschool Curriculum 1
ECE 154 Literature for Preschool Children 1
ECE 155 Literacy and the Young Child 1
ECE 156 Music in the Preschool Curriculum 1
ECE 157 Art in the Preschool Curriculum 1
ECE 158 Activities for Physical Development in Young Child 1
ECE 159 After School Activities 1

ECE 161 Social Studies in the Preschool Curriculum 1
ECE 167 Child Abuse and Neglect 1
ECE 168 Infectious Diseases and 1st Aid in Childcare 1
ECE 169 Bilingual and Multicultural Experience in ECE 1
ECE 198B Special Topics
(or any approved electives in the ECE program) 0.5-6

TOTAL CORE REQUIREMENTS 22-26 CREDITS

Additional Core Requirements

ECE 240 Administration of the Preschool 3
MGT 171 Supervision 3

Complete seven credits from the following courses

(Choose from the list below or any approved combination of one and three credit courses.)

ACC 201 Financial Accounting 3
COT 202B Introduction to Computer Applications 3
ECE 200 The Exceptional Child 3
ECE 235 Adopting Curricula for Yng Children/Special Needs 3
HDFS 202 Introduction to Families 3
MGT 283 Personnel Administration 3

TOTAL ADDITIONAL CORE REQUIREMENTS 13 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 44-48 CREDITS

To secure the director's certificate, candidates must first complete the requirements for the teacher's certificate, then complete the additional 13 credit requirement as listed on this page. The Washoe County Department of Social Services recognizes the TMCC director's certificate as fulfilling its requirement for director qualifications of a child care facility. Should a student wish to pursue the two-year associate of applied science, he/she may apply course work taken in either certificate program. Additional course work will be required to complete degree requirements.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Early Childhood Education – Teacher

Early Childhood Education – Certificate of Achievement

General Education Requirements

A student must maintain a cumulative grade point average of a 2.0 (C) or better and a minimum grade of "C" must be made in each of the core requirements.

COMMUNICATIONS 3 CREDITS
Required: ENG 101

HUMAN RELATIONS 3 CREDITS
Required: MGT 212

QUANTITATIVE REASONING 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

ECE 204 Principles of Child Guidance 3

ECE 231 Preschool Practicum: Child Development Lab 1-5
Students who received either the early childhood education certificate of achievement or AAS in early childhood education must complete practicum at TMCC.

ECE 250 Introduction to Early Childhood Education 3

ECE 251 Curriculum in Early Childhood Education 3

HDFS 201 Lifespan Human Development 3

NUTR 121 Human Nutrition 3

PSY 101 General Psychology 3

Choose three credits from the following

ECE 121 Parent Caregiver Relationships 1

ECE 123 Health and Nutrition for Young Children 1

ECE 124 Sensorimotor Dev Infants and Toddlers 1-3

ECE 125 Language Development Infant Toddler 1

ECE 127 Role of Play for Infants and Toddlers 1

ECE 129 Environments for Infant and Toddler 1

ECE 151 Math in the Preschool Curriculum 1

ECE 152 Science in the Preschool Curriculum 1

ECE 154 Literature for Preschool Children 1

ECE 155 Literacy and the Young Child 1

ECE 156 Music in the Preschool Curriculum 1

ECE 157 Art in the Preschool Curriculum 1

ECE 158 Activities for Physical Development in Young Child 1

ECE 159 After School Activities 1

ECE 161 Social Studies in the Preschool Curriculum 1

ECE 167 Child Abuse and Neglect 1

ECE 168 Infectious Diseases and 1st Aid in Childcare 1

ECE 169 Bilingual and Multicultural Experience in ECE 1

ECE 198B Special Topics
(or any approved electives in the ECE program) 0.5-6

TOTAL CORE REQUIREMENTS 22-26 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 31-35 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Early Childhood Education – Teacher

Early Childhood Education – Certificate of Achievement II

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 3 CREDITS

Required: ENG 101 or 113

HUMAN RELATIONS 3 CREDITS

Choose from: CPD 117, 122, MGT 171 (strongly recommended) 201, 212 or 235, PSY 102

MATHEMATICS/QUANTITATIVE REASONING 3 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283, or 285

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

ECE 130	Infancy.....	3
ECE 200	The Exceptional Child.....	3
ECE 204	Principles of Child Guidance.....	3
ECE 231	Preschool Practicum: Child Development Lab.....	5
ECE 250	Introduction to Early Childhood Education.....	3
ECE 251	Curriculum in Early Childhood Education.....	3
HDFS 202	Introduction to Families.....	3
HDFS 235	Diversity and the Young Children.....	3

TOTAL CORE REQUIREMENTS 26 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 35 CREDITS

A student must maintain a cumulative grade average of a 2.0 (C) or better and a minimum grade of "C" must be made in each of the core requirements.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Education



Elementary Education Emphasis

Associate of Arts

The associate of arts degree in elementary education is designed for students seeking careers in elementary and special education. The degree requirements include an expanded general education curriculum including additional courses in science, math and English. Additionally, specific curriculum provides students with educational theory and practical field work in the elementary and special education school settings. This course of study is designated as a university transfer program that substantially meets the requirements for the first two years of study for the B.S. in elementary, special and dual education majors at UNR. Students need to be aware that admission into UNR teacher education program is competitive and requires application with available PPST or CBEST test scores the semester PRIOR to transfer (October 1 for spring and March 1 for fall).

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 or 113, ENG 102 or 114

FINE ARTS 3 CREDITS

Choose from: ART 100, 160, 260*, 261*, 263, 264, 265, 270, 295, 296, 297, HUM 101, 102, 106, MUS 121, 225, 226, THTR 180, 200

HUMANITIES 6 CREDITS

Choose from: AAD 201, ART 160, 260*, 261*, CH 201, 202, 203, all 100- and 200-level English courses (except 101, 102, 107, 108, 112, 113, 114, 181 and 221), all 100- and 200-level foreign language except those with a 'B' designator, HIST 105, 106, 247, HUM 101, 102, 106, 211, MUS 121, 225, 226, all 100- and 200-level philosophy courses, THTR 100

MATHEMATICS 3-4 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283, 285

SCIENCE (LAB REQUIRED) 6-8 CREDITS

Choose one each from A and B for UNR.

(Cannot take both GEOG 103 and GEOL 101 to meet science requirements.)

A) CHEM 100, GEOG 103, GEOL 100, 101, PHYS 100, 151, 152, 180 and 180L, 181 and 181L

B) BIOL 100, 190, 191, ENV 100

C) ANTH 102, AST 104, ATMS 117, GEOL 105, 205, NUTR 121

SOCIAL SCIENCES 12 CREDITS

UNR transfer students take GEOG 106, CH 203 (PSC 103 or HIST 101 and PSC 208) Note: Substitute courses will not satisfy CH requirement once student has matriculated at UNR. Must include both U.S. and Nevada Constitutions.

Choose from: HIST 101 (U.S. Constitution only), 102, 217 and PSC 208 (Nevada Constitution only), PSC 103, CH 203 (U.S. and Nevada Constitutions). All 100- and 200-level anthropology courses (except ANTH 102), CH 203, CRJ 101, 220, 230, ECON 102, 103, 104, GEOG 106, 109, all 100- and 200-level political science, psychology and sociology courses.

TOTAL GENERAL EDUCATION REQUIREMENTS 36-39 CREDITS

Emphasis Requirements

EDU 201	Introduction to Elementary Education	3
EDU 203	Introduction to Special Education	3
EDU 204	Information Technology in Teaching	3
EDU 206	Classroom Learning Environments	3
EDU 208	Students with Diverse Abilities and Backgrounds.....	3
EDU 209	Exploring Teaching and Learning: Practicum	1
MATH 122	Elementary School Math I (or higher)	3
MATH 123	Elementary School Math II (or higher)	3
SPCM 113	Fundamentals of Speech I	3

TOTAL EMPHASIS REQUIREMENTS 25 CREDITS

Elective Requirements

Electives..... 9-11

TOTAL ELECTIVE REQUIREMENTS 9-11 CREDITS

TOTAL DEGREE REQUIREMENTS 70-74 CREDITS

UNR elementary education majors should contact an advisor regarding transferability.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Secondary Education Emphasis

Associate of Arts

The associate of arts degree in secondary education is designed for students seeking to teach in the junior and senior high schools. The degree requirements include general education curriculum. Additionally, specific curriculum provides students with educational theory and practical field work in the secondary school settings. This course of study is designated as a university transfer program that substantially meets the requirements for the first two years of study for those students pursuing a BA degree major in secondary education at UNR. In addition to these courses, students who plan to complete a teacher licensure at UNR will need to select a "teaching major" some of which they may want to complete prior to transfer. Students need to be aware that admission into UNR teacher education programs is competitive and requires application with completed test scores of the PPST or CBEST the semester PRIOR to transfer (October 1 for spring and March 1 for fall).

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the Diversity section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 and 102 or ENG 113 or 114

FINE ARTS 3 CREDITS

Choose from: ART 100, 160, 260, 261, 263, 264, 265, 270, 295, 296, 297, HUM 101, 102, 106, MUS 121, 225, 226, THTR 180, 200

HUMANITIES 6 CREDITS

Choose from: AAD 201, ART 160, 260*, 261*, all 100- and 200-level English courses (except 101, 102, 107, 108, 112, 113, 114, 181 and 221), all 100- and 200-level foreign language except those with a 'B' designator, CH 201, 202, HIST 105, 106, 247, HUM 101, 102, 106, 211, MUS 121, 225, 226, all 100- and 200-level philosophy courses except those with a 'B' designator, THTR 100

MATHEMATICS 3-4 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283, 285

SCIENCE (LAB REQUIRED) 6-8 CREDITS

Choose one each from A and B for UNR.

A) CHEM 100, GEOG 103, GEOL 100, 101, PHYS 100, 151, 152, 180 and 180L, 181 and 181L

B) BIOL 100, 190, 191, ENV 100

C) ANTH 102, AST 104, GEOL 105, 205, NUTR 121

SOCIAL SCIENCES 12 CREDITS

(Substitute courses will not satisfy CH requirement once student has matriculated at UNR.) Must include both U.S. and Nevada Constitutions. Choose from (except those with a 'B' designator): HIST 101 (U.S. Constitution only), HIST 102, 217 and PSC 208 (Nevada Constitution only), PSC 103, CH 203 (U.S. and Nevada Constitutions). All 100- and 200-level anthropology courses (except ANTH 102), CH 203, CRJ 101, 220, 230, ECON 102, 103, 104, GEOG 106, 109, all 100- and 200-level political science, psychology and sociology courses,

TOTAL GENERAL EDUCATION REQUIREMENTS 36-39 CREDITS

Emphasis Requirements

EDU 202	Introduction to Secondary Education	3
EDU 204	Information Technology in Teaching	3
SPCM 113	Fundamentals of Speech I	3

TOTAL EMPHASIS REQUIREMENTS 9 CREDITS

Elective Requirements

Electives	15
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TOTAL ELECTIVE REQUIREMENTS 15 CREDITS

TOTAL DEGREE REQUIREMENTS 60-63 CREDITS

All students must take additional elective credits if necessary to reach the minimum total of 60.

The following courses meet additional UNR secondary education major requirements (BA degrees only).

Approved English literature course	3
<i>(see advisor for list)</i>	
PHIL 102 Critical Thinking and Reasoning	3
Foreign Language	0-14
<i>(completion of fourth semester)</i>	

Exact number of credits depends on level of language proficiency.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Engineering Emphasis

Associate of Science

This is a two year transferable program leading to an Associate of Science with an emphasis in Engineering. The Associate of Science Degree in Engineering is designed for students planning to obtain a four-year engineering degree. Engineering is the practical application of scientific theory and principles. This program develops a strong foundation in mathematics and physical science while providing an introduction to the fundamental aspects of engineering. Students who complete the associate degree can transfer to other colleges or universities in many engineering disciplines including civil, chemical, computer, electrical, geological, mechanical, metallurgical, mining, computer science, and engineering physics.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

See list of courses under the Associate of Science degree requirements. Choosing from ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205, or SOC 276 will meet this requirement and also satisfy 3 credits in Social Sciences.

ENGLISH 6 CREDITS

Required: ENG 101 and 102

FINE ARTS 3 CREDITS

See list of courses under the Associate of Science degree requirement. The following courses are highly recommended for students wishing to major in Engineering at UNR: ART 100, ART 160, ART 260, ART 261, HUM 101, HUM 102, HUM 106, MUS 121, MUS 225, MUS 226, THTR 100, THTR 180

HUMANITIES 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 201 is highly recommended for students wishing to major in Engineering at UNR.

MATHEMATICS 6 CREDITS

MATH 181, MATH 182. Additional credits may be used to satisfy elective requirements.

SCIENCE 12 CREDITS

See list of courses under the Associate of Science degree requirements. It is recommended that students wishing to transfer to UNR take CHEM 201, PHYS 180/180L, and PHYS 181/181L.

SOCIAL SCIENCES 6 CREDITS

See list of courses under the Associate of Science degree requirements. CH 202 is highly recommended for students wishing to major in Engineering at UNR. Choosing from one of the following courses will also meet the diversity requirement: ANTH 201, ANTH 205, EDU 203, HIST 208, HIST 209, HIST 211, HIST 212, HIST 227, HIST 247, PSY 276, SOC 205 or SOC 276.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

See list of courses under the Associate of Science degree requirements. CH 203 or PSC 103 are required for students wishing to major in Engineering at UNR.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements*

ENGR 100	Introduction to Engineering Design	3
ME 241	Statics	3
MATH	Extra credits from Math requirement	2
MATH 283	Calculus III	4
MATH 285	Differential Equations	3
CS 135R	Computer Science I	3

TOTAL EMPHASIS REQUIREMENTS 18 CREDITS

Elective Requirements*

Note: The proper selection of credits from this list is highly dependent on the engineering discipline. Please consult an advisor prior to selecting from this list. Choose 5-7 credits from the following

BIOL 190/190L	Introduction to Cell and Molecular Biology.....	4
BIOL 191/191L	Introduction to Organismal Biology	4
BIOL 251	General Microbiology	4
CADD 100	Introduction to Computer-Aided Drafting	3
CHEM 202	General Chemistry for Scientists and Engineers II.....	4
CS 202	Computer Science II.....	3
DFT 100	Basic Drafting Principles.....	3
GEOL 101	Physical Geology	5

TOTAL ELECTIVE REQUIREMENTS 5-7 CREDITS

TOTAL DEGREE REQUIREMENTS 62-64 CREDITS

*Must maintain a "C" or higher in these courses.

Suggested Course Sequence

Note: to enroll in MATH 181, students must first successfully complete the MATH 126/127 sequence or place into MATH 181 via the following test scores:

ACT 28 or
SAT 630 or
ACCUPLACER College Level score 90 or higher

First Year	Course #	Title	Credits
1st Semester			
English	ENG 101	Composition I	3
Soc. Science	Elective		3
Fine Arts	Elective		3
Emphasis	ENGR 100	Introduction to Engineering Design	3
Math	MATH 181	Calculus I	4
			Total 16
2nd Semester			
English	ENG 102	Composition II	3
Math	MATH 182	Calculus II	4
Science	PHYS 180, 180L	Physics for Scientists and Engineers I	4
Science	CHEM 201	General Chemistry for Scientists & Engineers I	4
			Total 15

Second Year	Course #	Title	Credits
3rd Semester			
Emphasis	MATH 283	Calculus III	4
Emphasis	CR 135R	Computer Science	3
Constitution	Elective		3
Science	PHYS 181, 181L	Physics for Scientists and Engineers II	4
Humanities	Elective		3
			Total 17
4th Semester			
Emphasis	ME 241	Statics	3
Emphasis	Electives	Required	5-7
Emphasis	MATH 285	Differential Equations	3
SS/Diversity	Elective		3
			Total 14-16
			Degree Total 62-64

English as a Second Language

(Basic and College-level)

Inglés Como Segunda Idioma

English Classes

We invite those who wish to improve their English skills to register for our basic, intermediate or advanced classes. Our classes are offered from 8 a.m. to 9 p.m. Monday through Friday, throughout the Reno/Sparks area. Our fees are low and much of the material is provided free of charge. For more information, please call us at 775-829-9044 or visit us at TMCC's Meadowood Center, 5270 Neil Road, (across from Sear's Automotive Center), room S220.

Clases de Inglés

Invitamos a todas aquellas que quieran mejorar su destreza en el idioma inglés a matricularse en nuestras clases de inglés básico, intermedio o avanzado. Ofrecemos clases de lunes a viernes entre las 8 de la mañana y las 9 de la noche, en diversas localidades en las áreas de Reno-Sparks. Nuestros precios son bajos y la mayor parte de los materiales son distribuidos sin costo alguno. Para mayor información sírvase llamar al teléfono a 775-829-9044 o visítenos en TMCC Meadowood Center, 5270 Neil Road, (a otro lado de Sears Automotive Center) oficina S220.

Citizenship

Classes are offered to prepare you for your INS interview which is required for United States Citizenship naturalization. We can assist you in preparing the application (form N-400) as well as cover various applicable topics 1) U.S. history, 2) government, 3) our flag, 4) the presidency and 5) responsible citizenship. A strong command of English is required for this course.

El Civics

For citizenship applicants who need to improve writing and reading skills, El Civics classes are specially designed to help learners acquire these within a framework and on a foundation of topics outlined in "Citizenship" above.

Adult Basic Education

Truckee Meadows Community College provides basic literacy education for adults 17 years and over. Instruction in basic listening, speaking, reading, writing and math are offered. Instruction is provided one-on-one, in small group settings and in classroom environments appropriate to the adult learner. These classes are designed to assist learners in acquiring necessary skills up to the eighth grade level. Please call us at 775-829-9033 for details.

General Education Development (GED)

We offer classes designed to prepare students for the GED examination. These courses cover all five sub-sections of this exam 1) writing, 2) social studies, 3) science, 4) literature and arts and 5) math. Costs of this program vary depending on requested class size, available tutors and computer usage fees. Please call 775-829-9055 for details.

English as a Second Language (Community)

We offer language classes designed to assist speakers of other languages to adapt as quickly as possible to an English-language environment. Students are placed in class levels according to assessment scores attained upon enrollment and periodic examinations for subsequent classes.

ESL classes are offered throughout the entire day and evening and throughout our community. Please call us at 775-829-9044 for more information and to find out when the next set of classes begins.

ABE/GED/Basic and College-Level ESL Testing

All who would like to enroll in adult basic education, general education development and English as a second language classes must be assessed prior to enrollment and through the training program. Testing is used to gauge what the learner needs so that instructors can target specific weaknesses. These tests assist teachers to monitor student advancement within and across each level. Please call our department at 775-824-3818 for specific information regarding fees, costs and testing policies. For college-level ESL courses, call 775-673-8240 for current testing details.

English as a Second Language (College-Level)

For those interested in improving their English competency or pursuing an academic focus—certificate program, AA or AAS degree—contact the assessment office at 775-673-8240 for ACCUPLACER testing details. You can also contact the ESL program at 775-673-7244.

ABE

775-829-9033

GED

775-829-9055

Community ESL

775-829-9044

College ESL

775-673-7244

Policy information

775-824-3818

English department

775-673-7092



Environmental Science

Associate of Science

Environmental Science focuses on issues that are of relevance to all citizens of the United States and all countries. With growth and development comes the need for people trained in environmental sciences that can deal with environmental issues. Sustainable development is a local and regional concern, especially as Nevada's growth continues to lead the nation. The Associate of Science in Environmental Science degree is specifically designed to transfer seamlessly into the Environmental Science curriculum at the University of Nevada, Reno. It will also prepare students for transfer into similar programs at other four year institutions.

General Education Requirements

DIVERSITY NRES 211	(3 CREDITS)
ENGLISH/COMMUNICATIONS Required: ENG 101 and 102	6 CREDITS
FINE ARTS Select from: ART 100, 260, 261, THTR 100, 105	3 CREDITS
HUMANITIES Required: CH 202	3 CREDITS
MATHEMATICS/QUANTITATIVE REASONING Required: MATH 181 and 182	8 CREDITS
SCIENCE Required: BIOL 251, CHEM 121 and 122	12 CREDITS
SOCIAL SCIENCES Required: CH 201 and ECON 102	6 CREDITS
U.S. AND NEVADA CONSTITUTIONS Required: CH 203	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	41 CREDITS

Core Requirements

BIOL 190	Introduction to Cell and Molecular Biology.....	4
BIOL 191	Introduction to Organismal Biology	4
GEOL 101	Physical Geology	5
NRES 100	Prin of Natural Resources & Environmental Sciences	3
NRES 210	Environmental Pollution	3
NRES 211	Conservation, Humans and Biodiversity	3

TOTAL CORE REQUIREMENTS 22 CREDITS

Elective Requirements

The student must select at least three credits from the following list.

ENV 299	Special Topics in Environmental Science.....	2-3
MATH 152	Introduction to Statistics.....	3
PHYS 151	General Physics I	4
PHYS 180	Physics for Scientists and Engineers I	3
PHYS 181	Physics for Scientists and Engineers II	3

TOTAL ELECTIVE REQUIREMENTS 3 CREDITS

TOTAL DEGREE REQUIREMENTS 66 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Fine Arts



Fine Arts

Associate of Arts

The associate of fine arts degree is primarily for the student who is planning to make a career in the fine arts. The emphasis is in studio art with an awareness of art history and fine art communication skills. The associate of arts – fine arts degree is a transferable degree satisfying lower-division university requirements for a baccalaureate degree in fine arts.

General Education Requirements

Courses with the 'B' designator are not accepted to meet degree requirements.

DIVERSITY (3 CREDITS)

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH	6 CREDITS
FINE ARTS	3 CREDITS
HUMANITIES	6 CREDITS
MATHEMATICS	3 CREDITS
SCIENCE	3 CREDITS
SOCIAL SCIENCES	9 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	33 CREDITS

Core Requirements

ART 100	Visual Foundations.....	3
ART 101*	Drawing I.....	3
ART 135*	Photography I.....	3
ART 211	Ceramics I.....	3
ART 216	Sculpture I.....	3
ART 231	Painting I.....	3
ART 260*	Survey of Art History I.....	3
ART 261*	Survey of Art History II.....	3
ART 298*	Portfolio Emphasis.....	3
TOTAL CORE REQUIREMENTS		27 CREDITS
TOTAL DEGREE REQUIREMENTS		60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Art History Emphasis

Associate of Arts–Fine Arts

The Art History Emphasis area within the Associate of Arts Degree allows the Department of Visual And Performing Arts to serve those students seeking to transfer into a baccalaureate program in Art History. This emphasis area stresses critical analysis of art, knowledge and awareness of a variety of western and global artistic traditions and communications skills.

General Education Requirements

Courses with the 'B' designator are not accepted to meet degree requirements.

DIVERSITY (3 CREDITS)

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH	6 CREDITS
FINE ARTS	3 CREDITS
HUMANITIES	6 CREDITS
MATHEMATICS	3 CREDITS
SCIENCE	3 CREDITS
SOCIAL SCIENCES	9 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	33 CREDITS

Core Requirements

ART 100	Visual Foundations <i>or</i>	(3)
	<i>Required for UNR's art program</i>	
ART 160	Art Appreciation.....	(3)
ART 260*	Survey of Art History I.....	3
ART 261*	Survey of Art History II.....	3
TOTAL CORE REQUIREMENTS		9 CREDITS

Emphasis Requirements

A minimum of 12 credits must be from the following

ART 209	Introduction to Gallery Practices.....	3
ART 249	New Media.....	3
ART 263	Survey of African, Oceanic & Native American Art.....	3
ART 264	Survey of American Art.....	3
ART 265	Introduction to Contemporary Art.....	3
ART 270	Women in Art.....	3
ART 295	Special Topics in Art History.....	3
ART 296	Independent Study.....	3
ART 297*	Field Study.....	3

A maximum of 6 credits may be from the following

ART 101	Drawing I.....	3
ART 102	Drawing II.....	3
ART 124	Introduction to Printmaking.....	3
ART 127	Water Color I.....	3
ART 135	Photography I.....	3
ART 141	Introduction to Digital Photography.....	3
ART 142	Introduction to Digital Photography II.....	3
ART 201	Life Drawing I.....	3
ART 211	Ceramics I.....	3
ART 212	Ceramics II.....	3
ART 216	Sculpture I.....	3
ART 231	Painting I.....	3
ART 232	Painting II.....	3
ART 235	Photography II.....	3
	Foreign Language.....	3-6*

* Foreign Language proficiency is recommended (particularly French or German because it is required at UNR and many other schools) or choose another art course from the first group of courses.

TOTAL EMPHASIS REQUIREMENTS 18 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Music Emphasis

Associate of Arts–Fine Arts

The Music Program seeks to be an outstanding Performing Arts Program within the Visual and Performing Arts Department noted for its excellence in the classroom and on stage that provides our students with the knowledge and skills upon which they build careers and become productive citizens.

General Education Requirements

Courses with the 'B' designator are not accepted to meet degree requirements.

DIVERSITY (3 CREDITS)

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 AND 102 OR ENG 113 AND 114

FINE ARTS 3 CREDITS

Choose from ART 100, 160, 260*, 261*, ENG 220 or 221, HUM 101, 102, 105 or 106, MUS 121, 225 or 226

HUMANITIES 6 CREDITS

Recommended for UNR: CH 201 or 202, or choose from: HIST 105, 106, 247, HUM 101, 102, 211, AAD 201, ART 160, 260, 261, 265, MUS 121, 225, 226, all foreign language courses without a 'B' designator, all 200-level English (except ENG 297), all 100- and 200-level philosophy courses without a 'B' designator

MATHEMATICS 3 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283 or 285

SCIENCE 3 CREDITS

Minimum three credits with lab required. For students transferring to UNR choose one from Group A plus three additional science credits.

Group A – ATMS 117, BIOL 100, 190, 191, CHEM 100, 121, 122, GEOL 100, 101, PHYS 100, 151, 152, 180 and 180L, 181 and 181L

Group B – ANTH 102, AST 104, ENV 100, GEOG 103, NUTR 121

SOCIAL SCIENCES 12 CREDITS

Must include both U.S. and Nevada Constitutions.

UNR recommends CH 203 or choose from (except those with a 'B' designator): HIST 101, 102, 217, PSC 103, 208, all 100- and 200-level anthropology courses (except ANTH 102), CRJ 101, 220, 230, ECON 102, 103, 104, all 100- and 200-level history courses, HDFS 201, JOUR 101, all 100- and 200-level political science courses, all 100- and 200-level psychology courses, all 100- and 200-level sociology courses. HIST 101 and 102 or HIST 101 and 217 or HIST 101 and PSC 208

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

Core Requirements

MUSIC ENSEMBLE 4 CREDITS

MUSE 101	Concert Choir	1
MUSE 111	Concert Band	1
MUSE 123	Orchestra	1
MUSE 131	Jazz Ensemble	1
MUSE 135	Jazz Vocal Ensemble	1
MUS 131	Introduction to Music Literature	3

THEORY/EAR TRAINING 14 CREDITS

MUS 203	Music Theory I	3
MUS 204	Music Theory II	3
MUS 207R	Theory III	3
MUS 208R	Theory IV	3
MUS 211	Sight-Singing and Dictation I	1
MUS 212	Sight-Singing and Dictation II	1

PIANO CLASS 4

MUS 111	Piano Class I	2
MUS 112R	Piano Class II	2

APPLIED MUSIC 6

MUSA (private lessons)	1-2
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TOTAL CORE REQUIREMENTS 31 CREDITS

Electives

Choose six credits from the following

MUS 101	Music Fundamentals	3
MUS 105	Vocal Techniques	2
MUS 107	Guitar Class I	2
MUS 108	Guitar Class II	2
MUS 113	Fundamentals of Music Composition I	2
MUS 121	Music Appreciation	3
MUS 125	History of Rock Music	3
MUS 213	Fundamentals of Music Composition II	2
THTR 209	Theater Practicum	1-2
Additional ensemble or applied music courses – up to two additional credits in each area		1-2

TOTAL ELECTIVE REQUIREMENTS 6 CREDITS

TOTAL DEGREE REQUIREMENTS 70 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Theater Emphasis

Associate of Arts–Fine Arts

The Theater Program seeks to be an outstanding Performing Arts Program within the Visual and Performing Arts Department noted for its excellence in the classroom and on stage that provides our students with the knowledge and skills upon which they build careers and become productive citizens.

General Education Requirements

Courses with the 'B' designator are not accepted to meet degree requirements.

DIVERSITY (3 CREDITS)

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 AND 102 OR ENG 113 AND 114

FINE ARTS 3 CREDITS

Choose from ART 100, 160, 260, 261, ENG 220 or 221, HUM 101, 102, 105 or 106, MUS 121, 225 or 226

HUMANITIES 6 CREDITS

Recommended for UNR: CH 201 or 202, or choose from: HIST 105, 106, 247, HUM 101, 102, 211, AAD 201, ART 160, 260, 261, 265, MUS 121, 225, 226, all foreign language courses without a 'B' designator, all 200-level English (except ENG 297), all 100- and 200-level philosophy courses without a 'B' designator

MATHEMATICS 3 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283 or 285

SCIENCE 3-6 CREDITS

Minimum three credits with lab required. For students transferring to UNR choose one from Group A plus three additional science credits.

Group A – ATMS 117, BIOL 100, 190, 191, CHEM 100, 121, 122, GEOL 100, 101, PHYS 100, 151, 152, 180 and 180L, 181 and 181L

Group B – ANTH 102, AST 104, ENV 100, GEOG 103, NUTR 121

SOCIAL SCIENCES 12 CREDITS

Must include both U.S. and Nevada Constitutions.

UNR recommends CH 203 or choose from (except those with a 'B' designator): HIST 101, 102, 217, PSC 103, 208, all 100- and 200-level anthropology courses (except ANTH 102), CRJ 101, 220, 230, ECON 102, 103, 104, all 100- and 200-level history courses, HDFS 201, JOUR 101, all 100- and 200-level political science courses, all 100- and 200-level psychology courses, all 100- and 200-level sociology courses. HIST 101 and 102 or HIST 101 and 217 or HIST 101 and PSC 208

TOTAL GENERAL EDUCATION REQUIREMENTS 33-36 CREDITS

Core Requirements

THTR 100	Introduction to Theater	3
THTR 175	Musical Theater	3
THTR 204	Theater Technology I	3
THTR 209	Theater Practicum	6
THTR 210	Theater: A Cultural Context	3

Choose 9 credits from the following

THTR 105	Introduction to Acting I	3
THTR 205	Introduction to Acting II	3
THTR 206	Theater Workshop: Acting III	3
THTR 207	Laboratory Theater: Acting IV	3

TOTAL CORE REQUIREMENTS 27 CREDITS

Electives

Choose from any Theater (THTR) classes 9

TOTAL ELECTIVE REQUIREMENTS 9 CREDITS

TOTAL DEGREE REQUIREMENTS 69-72 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Dance Emphasis

Associate of Arts – Fine Arts

The Dance Program seeks to be an outstanding Performing Arts Program within the Visual and Performing Arts Department noted for its excellence in the classroom and on stage that provides our students with the knowledge and skills upon which they build careers and become productive students.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

Choose from: ART 100, 160, 260, 261, ENG 220, 221, HUM 101, 102, 105, 106, MUS 121, 225, 226

HUMANITIES 6 CREDITS

UNR recommends CH 201 or 202 or choose from HIST 105, 106, 247, HUM 101, 102, 211, AAD 201, ART 160, 260, 261, 265, MUS 121, 225, 226, all foreign language courses without a 'B' designator, all 200-level English courses (except ENG 297), all 100- and 200-level philosophy courses without a 'B' designator.

MATHEMATICS 3 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283, 285

SCIENCE 3 CREDITS

Minimum three credits with lab required. For students transferring to UNR, choose one from Group A plus 3 additional science credits.
Group A – ATMS 117, BIOL 100, 190, 191, CHEM 100, 121, 122, GEOL 100, 101, PHYS 100, 151, 152, 180 and 180L, 181 and 181L
Group B – ANTH 102, AST 104, ENV 100, GEOG 103, NUTR 121

SOCIAL SCIENCES 12 CREDITS

Must include both U.S. and Nevada Constitutions.
UNR recommends CH 203 or choose from (except those with a 'B' designator) HIST 101, 102, 217, PSC 103, 208, all 100- and 200-level history courses, HDFS 201, JOUR 101, all 100- and 200-level political science courses, all 100- and 200-level psychology courses, all 100- and 200-level sociology courses.

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

Core Requirements

DAN 101	Dance Appreciation	3
DAN 188	Choreography I: Improvisation for Composition	2
DAN 288	Choreography II: Elements of Dance Composition	2
THTR 116	Dance Styles: Musical Theater	2
PEX 174	Fitness Principles and Practices	2

TOTAL CORE REQUIREMENTS 11 CREDITS

Emphasis Requirements

Some classes have repeatable credit.

DAN 132	Jazz Dance (Beginning)	1
DAN 133	Jazz Dance (Beginning/Intermediate)	1
DAN 232	Intermediate Jazz Dance	1
DAN 138	Modern Dance, Beginning	1
DAN 139	Modern Dance, (Beginning/Intermediate)	1
DAN 238	Modern Dance Intermediate	1
DAN 239	Modern Dance (Intermediate/Advanced)	1
DAN 144	Tap Dance (Beginning)	1
DAN 244	Tap Dance (Intermediate)	1
DAN 281	Dance Performance	1

TOTAL EMPHASIS REQUIREMENTS 18 CREDITS

Elective Requirements

Choose from any dance class, THTR 176, THTR 276, Musical Theater Workshop or other approved theater and music classes.

TOTAL ELECTIVE REQUIREMENTS 7 CREDITS

TOTAL DEGREE REQUIREMENTS 69 CREDITS

Suggested Course Sequence

Note: Students must complete the approved English and math sequences, or meet the appropriate testing scores to register for the higher level courses

Course #	Title	Credits	
1st Semester			
English	ENG 101	Composition I	3
Social Science			3
Dance	DAN 101	Dance Appreciation (Diversity)	3
Dance	DAN 188	Choreography I Improvisation	2
Dance	Dance Technique	Choose three dance technique credits	3
		Total	14
2nd Semester			
English	ENG 102	Composition II	3
Humanities			3
Theater	THTR 116	Musical Theater Dance	1
Dance	DAN 281	Dance Concert Performance	2
Dance	Dance Technique	Choose three dance technique credits	3
		Total	12
3rd Semester			
Mathematics			3
Social Science/Div.			3
Dance	DAN 288	Choreography II	2
Physical Education	PEX 174	Fitness Principles and Practices	2

Course #	Title	Credits	
3rd Semester, cont.			
Dance	DAN 295 or	Independent Study: Dance	(2)
	DAN 287	Concert Dance Company	(2)
Dance	Dance Technique	Choose three dance technique credits	3
		Total	15
4th Semester			
Constitution	CH 203		3
Science			3
Fine Arts			3
Dance	DAN 281	Dance Production	2
Dance	Dance Technique	Choose three dance technique credits	3
		Total	14
5th Semester			
Humanities			3
Social Science			3
Dance	Electives	Choose six elective credits	6
Dance	DAN 295 or	Independent Study: Dance	(2)
	DAN 287	Concert Dance Company	(2)
		Total	14
		Degree Total	69

Theater

Certificate of Achievement

The certificate of achievement in theater is formulated for the student who may want to hone ones theater skills in a conservatory-type setting; the student who does not desire to transfer to a four-year institution; the student who may already possess a degree in higher education; and the student who has a vocational interest in theater.

General Education Requirements

COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Core Requirements

THTR 209 Theater Practicum	6
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TOTAL CORE REQUIREMENTS	6 CREDITS
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Elective Requirements

Choose 15 credits from the following:

COM 113 Fundamentals of Speech I	3
COM 135 Group Communications	3
THTR 100 Introduction to Theater	3
THTR 105 Introduction to Acting I	3
THTR 108 Introduction to Playwriting	3
THTR 112 Beginning Singing for the Actor	3
THTR 116 Dance Styles: Musical Theater	2
THTR 122 Creative Drama	3
THTR 133 Fundamentals of Directing	3
THTR 175 Musical Theater	3
THTR 180 Cinema as Art and Communication	3
THTR 200 Introduction to Stage Voice I	3
THTR 204 Theater Technology I	3
THTR 205 Introduction to Acting II	3
THTR 206 Theater Workshop: Acting III	3
THTR 207 Laboratory Theater: Acting IV	3
THTR 210 Theater: A Cultural Context	3
THTR 221 Interpretation	3
THTR 231 Children's Theater	3
THTR 235 Acting for the Camera	3
THTR 258 Theater Experience and Travel	1-2
THTR 295 Independent Study: Theater	1-3

TOTAL ELECTIVE REQUIREMENTS	15 CREDITS
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TOTAL CERTIFICATE REQUIREMENTS	30 CREDITS
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Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Fine Arts - Music Theater

Associate of Arts

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

Required: ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

Choose from: ART 100, 160, 260, 261, ENG 220, 221, HUM 101, 102, 105, 106, MUS 121, 225, 226

HUMANITIES 6 CREDITS

UNR recommends CH 201 or 202 or choose from HIST 105, 106, 247, HUM 101, 102, 211, AAD 201, ART 160, 260, 261, 265, MUS 121, 225, 226, all foreign language courses without a 'B' designator, all 200-level English (except ENG 297), all 100- and 200-level philosophy without a 'B' designator.

MATHEMATICS 3 CREDITS

Choose from: MATH 120, 126, 127, 152, 176, 181, 182, 283, 285

SCIENCE 3 CREDITS

Minimum three credits with lab required. For students transferring to UNR, choose one from Group A plus 3 additional science credits.

Group A – ATMS 117, BIOL 100, 190, 191, CHEM 100, 121, 122, GEOL 100, 101, PHYS 100, 151, 152, 180 and 180L, 181 and 181L

Group B – ANTH 102, AST 104, ENV 100, GEOG 103, NUTR 121

SOCIAL SCIENCES 12 CREDITS

Must include both U.S. and Nevada Constitutions.

UNR recommends CH 203 or choose from (except those with a 'B' designator): HIST 101, 102, 217, PSC 103, 208, all 100- and 200-level history, HDFS 201, JOUR 101, all 100- and 200-level political science, all 100- and 200-level psychology, all 100- and 200-level sociology.

TOTAL GENERAL EDUCATION REQUIREMENTS 33 CREDITS

Core Requirements

THTR 175	Musical Theater	3
THTR 204	Theater Technology I	3
THTR 116	Dance Styles: Musical Theater	2
THTR 176	Musical Theater Workshop I	3
THTR 276	Musical Theater Workshop II	3
THTR 258	Theater Experience and Travel	2
MUSA 147	Voice for THTR Maj-Lower Division	2

TOTAL CORE REQUIREMENTS 18 CREDITS

Elective Requirements

Choose 6 of the following credits

THTR 105	Introduction to Acting I	3
THTR 205	Introduction to Acting II	3
THTR 206	Theater Workshop: Acting III	3
THTR 207	Laboratory Theater: Acting IV	3

Choose 8 of the following credits

MUS 105	Vocal Techniques	2
MUS 111	Piano Class I	2
MUS 112R	Piano Class II	2
MUS 203	Music Theory I	3
MUS 211	Sight-Singing and Dictation I	1

Choose 4 of the following credits

DAN 132	Jazz Dance (Beginning)	1
DAN 133	Jazz Dance (Beginning/Intermediate)	1
DAN 135	Ballet, Beginning	1
DAN 136	Ballet, Beginning/Intermediate	1
DAN 138	Modern Dance, Beginning	1
DAN 139	Modern Dance, (Beginning/Intermediate)	1
DAN 144	Tap Dance (Beginning)	1
DAN 232	Intermediate Jazz Dance	1
DAN 238	Modern Dance Intermediate	1
DAN 239	Modern Dance (Intermediate/Advanced)	1
DAN 244	Tap Dance (Intermediate)	1

TOTAL ELECTIVE REQUIREMENTS 18 CREDITS

TOTAL DEGREE REQUIREMENTS 69 CREDITS

Suggested Course Sequence

Note: Students must complete the approved English and math sequences, or meet the appropriate testing scores to register for the higher level courses

Course #	Title	Credits	
1st Semester			
English	ENG 101	Composition I	3
Social Science			3
Musical Theater	THTR 175	Musical Theater	3
Theater	THTR 204	Theater Technology	3
Music	MUS 111	Piano Class I	2
Dance		Dance class of choice	1
		Total	15
2nd Semester			
English	ENG 102	Composition II	3
Humanities			3
Theater	THTR 116	Musical Theater Dance	1
Music	MUS 112R <i>or</i>	Piano Class II	(2)
	MUS 105	Vocal Technique	(2)
Theater	THTR 176	Musical Theater Production	3
Theater	THTR 105	Introduction to Acting I	3
		Total	15
3rd Semester			
Mathematics			3
Social Science/Div.			3
Music	MUS 203	Music Theory I	3
Music	MUS 211	Sightsinging and Dictation	1
Theater	THTR 258	Theater Experience and Travel	2

Course #	Title	Credits	
3rd Semester, cont.			
Music	MUSA 147	Voice – Musical Theater – Low Div.	1
Dance		Dance class of choice	1
		Total	14
4th Semester			
Constitution	CH 203		3
Science			3
Fine Arts			3
Theater	THTR 116	Musical Theater Dance	1
Theater	THTR 276	Musical Theater Production II	3
Music	MUSA 147	Voice – Musical Theater – Low Div.	1
Dance		Dance class of choice	1
		Total	15
5th Semester			
Humanities/Diversity			3
Social Science			3
Theater	THTR 205 <i>or</i>	Introduction to Acting II	(3)
	THTR 206 <i>or</i>	Theater Workshop: Acting III	(3)
	THTR 207	Theater Practicum: Acting IV	(3)
Dance		Dance class of choice	1
		Total	10
		Degree Total	69

Music

Certificate of Achievement

The certificate of achievement in music is formulated for the student who may want to develop skills in a conservatory-type setting; the student who does not wish to transfer to a four-year institution; the student who may already possess a degree in higher education; and the student who has a vocational interest in music.

General Education Requirements

COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Core Requirements

MUSIC ENSEMBLE	2 CREDITS
Choose from:	
MUSE 101 Concert Choir	1
MUSE 111 Concert Band	1
MUSE 123 Orchestra.....	1
MUSE 131 Jazz Ensemble.....	1
MUSE 135 Jazz Vocal Ensemble.....	1
MUSIC THEORY	6 CREDITS
Choose from:	
MUS 203 Music Theory I.....	3
MUS 204 Music Theory II.....	3
MUS 207 Theory III.....	3
MUS 208R Theory IV.....	3
SIGHT SINGING AND EARTRAINING	2 CREDITS
Choose from:	
MUS 211 Sight-Singing and Dictation I.....	1
MUS 212 Sight-Singing and Dictation II.....	1
PIANO CLASS	2 CREDITS
MUS 111 Piano Class I.....	2
MUS 112R Piano Class II.....	2
APPLIED MUSIC	2 CREDITS
MUSA (private lessons).....	1-2
TOTAL CORE REQUIREMENTS	14 CREDITS

Elective Requirements

Choose seven credits from the following

MUS 101 Music Fundamentals.....	3
MUS 105 Vocal Techniques.....	2
MUS 107 Guitar Class I.....	2
MUS 108 Guitar Class II.....	2
MUS 121 Music Appreciation.....	3
MUS 125 History of Rock Music.....	3
MUS 131 Introduction to Music Literature.....	3
MUS 166 Introduction to MIDI Sequencers and Synthesizers.....	2
MUS 213 Fundamentals of Music Composition II.....	2
THTR 209 Theater Practicum.....	1-2

Additional ensemble or applied music courses, up to two additional credits in each area.

TOTAL ELECTIVE REQUIREMENTS	7 CREDITS
TOTAL CERTIFICATE REQUIREMENTS	30 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Fire Science Technology



Fire Science Technology

Associate of Applied Science

For additional degrees and certificates, see the fire academy, volunteer firefighter and wildland firefighter emphasis worksheets.

General Education Requirements

DIVERSITY (3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

CONSTITUTION (U.S. AND NEVADA) 3 CREDITS

ENGLISH 3 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS
Recommended: chemistry

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

FT 101B Introduction to Fire Protection 3
FT 125B Build Construction I 3
FT 131B Hazardous Materials 3
FS 241B Fire Company Organization Management 3
FT 243B Firefighting Tactics and Strategy 3

TOTAL CORE REQUIREMENTS 15 CREDITS

Emphasis Requirements

12 additional credits required.
Choose from the following or other FS courses listed in the catalog.

FS 105B Introduction to Fire Suppression 3
FS 285B Selected Topics in Fire Science 0.5-6
FT 110B Basic Wildland Firefighting 3
FT 121B Fire Prevention I 3
FT122B Codes/Ordinances I 3
FT 126B Fire Cause Determination 3
FT 145B Aviation Emergencies 3
FT 150B Apparatus and Equipment 3
FT 151B Fire Service Hydraulics I 3
FT 218B Intermediate Fire Behavior, S-290, 390 3
FT 244B Fire Protection Systems 3
FT 291B Fire Administration 3

TOTAL EMPHASIS REQUIREMENTS 12 CREDITS

TOTAL ELECTIVE REQUIREMENTS 9 CREDITS
Recommended: EMS 108B for seven credits

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Firefighter Academy

Fire Science Technology – Associate of Applied Science

For additional degrees and certificates, see the fire science technology, volunteer firefighter and wildland firefighter emphasis worksheets.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

CONSTITUTION (U.S. AND NEVADA) 3 CREDITS

ENGLISH 3 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS

Required: chemistry

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

EMS 108B Emergency Medical Technician I Basic Training..... 7

FT 101B Introduction to Fire Protection 3

FT 106B Firefighter I Academy..... 12

FT 206B Firefighter II Academy..... 10

FT 260B Firefighter Rescue/Haz Mat Academy..... 10

TOTAL CORE REQUIREMENTS 42 CREDITS

Elective Requirements

None required.

FS 150B Physical Fitness and Nutrition for the Fire Service 3
Needed for the NFPA certification.

TOTAL ELECTIVES 0-3 CREDITS

TOTAL DEGREE REQUIREMENTS 66-69 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Firefighter, Wildland

Fire Science Technology – Associate of Applied Science

For additional degrees and certificates, see the fire academy, fire science technology and volunteer firefighter emphasis worksheets.

General Education Requirements

DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
COMMUNICATIONS	3 CREDITS
CONSTITUTION (U.S. AND NEVADA)	3 CREDITS
ENGLISH	3 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

FS 114B Incident Command System.....	1
FT 101B Introduction to Fire Protection.....	3
FT 110B Basic Wildland Firefighting.....	3
FT 113B Basic Air Ops, S-270.....	1
FT 131B Hazardous Materials.....	3
FT 146B Wildland Tactics and Strategies I.....	3
FT 212B Fire and Ecology.....	3
FT 218B Intermediate Fire Behavior, S-290, 390.....	3
TOTAL CORE REQUIREMENTS	20 CREDITS

Emphasis Requirements

EMS 113B EMS First Responder.....	3
FT 111B Portable Pumps, S-211.....	1
FT 112B Power Saws, S-212.....	1
FT 115B Crew Boss, S-230.....	1
FT 116B Engine Boss, S-230.....	1
FT 117B Dozer Boss, S-232.....	1
FT 118B Firing Methods, S-234.....	1
WF 205B Fire Operations in the Urban Interface.....	1
<i>Contact department for alternative course options.</i>	
WF 244B Field Observer.....	2
WF 260B Fire Business Management Principles.....	1
<i>Contact department for alternative course options.</i>	

TOTAL EMPHASIS REQUIREMENTS..... **13 CREDITS**

Elective Requirements

Approved Elective..... 3

TOTAL ELECTIVE REQUIREMENT..... **3 CREDITS**

TOTAL DEGREE REQUIREMENTS..... **60 CREDITS**

The curriculum follows National Wildland Cooperation Group standards.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Fire Science Technology

Certificate of Achievement

For additional degrees and certificates, see the fire academy, volunteer firefighter and wildland firefighter emphasis worksheets.

General Education Requirements

EMS 108B Emergency Medical Technician I Basic Training is strongly recommended in addition to the other requirements.

COMMUNICATIONS 3 CREDITS

HUMAN RELATIONS 3 CREDITS
Recommended: MGT 212

QUANTITATIVE REASONING 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

FS 241B Fire Company Organization Management 3

FT 101B Introduction to Fire Protection 3

FT 125B Build Construction I 3

FT 131B Hazardous Materials 3

FT 243B Firefighting Tactics and Strategy 3

TOTAL CORE REQUIREMENTS 15 CREDITS

Electives

Six additional credits required. Choose from the following or other FS courses listed in the catalog.

FS 105B Introduction to Fire Suppression 3

FS 285B Selected Topics in Fire Science 0.5-6

FT 110B Basic Wildland Firefighting 3

FT 121B Fire Prevention I 3

FT 122B Codes/Ordinances I 3

FT 126B Fire Cause Determination 3

FT 145B Aviation Emergencies 3

FT 151B Fire Service Hydraulics I 3

FT 150B Apparatus and Equipment 3

FT 218B Intermediate Fire Behavior, S-290, 390 3

FT 244B Fire Protection Systems 3

FT 291B Fire Administration 3

TOTAL ELECTIVE REQUIREMENTS 6 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 30 CREDITS

Fire science students without prior fire service experience must take FT 101B Introduction to Fire Protection before entering the fire academy.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Firefighter, Volunteer

Fire Science Technology – Certificate of Achievement

For additional degrees and certificates, see the fire academy, fire science technology and wildland firefighter emphasis worksheets.

General Education Requirements

COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	3 CREDITS
Recommended: chemistry	

TOTAL GENERAL EDUCATION REQUIREMENTS 12 CREDITS

Core Requirements

FT 102B	Entry Level Firefighter	3
FT 103B	Basic Firefighter	3
FT 104B	Nevada Firefighter I	3
FT 291B	Fire Administration	3

TOTAL CORE REQUIREMENTS 12 CREDITS

Electives

Nine credits required from the following

EMS 108B	Emergency Medical Technician I Basic Training	7
EMS 113B	EMS First Responder	3
FS 114B	Incident Command System	1
FS 230B	Fire Streams and Firefighting Foams	3
FS 254B	Fire Service Instructor II	3
FS 257B	Emergency Rescue Practices II	3
FT 110B	Basic Wildland Firefighting	3
FT 125B	Build Construction I	3
FT 131B	Hazardous Materials	3
FT 150B	Apparatus and Equipment	3
FT 151B	Fire Service Hydraulics I	3
FT 160B	Rescue Awareness	3
FT 243B	Firefighting Tactics and Strategy	3

TOTAL ELECTIVE REQUIREMENTS 9 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 33 CREDITS

The volunteer can easily apply this education toward fire academy and NFPA certification.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



General Studies

Associate of General Studies

General Education Requirements

COMPUTER SCIENCE	3 CREDITS
DIVERSITY	(3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
ENGLISH/COMMUNICATIONS	9 CREDITS
FINE ARTS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
HUMANITIES	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	3 CREDITS
SOCIAL SCIENCES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	33 CREDITS

Elective Requirements

Electives..... 27

Great latitude is allowed in the selection of the 27 elective credits. Choice of credits can focus on one area alone or from any combination of occupational or general courses. Developmental courses (numbered less than 100) cannot be applied to any degree or certificate.

Credits earned in many WDCE "C" courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the associate of general studies degree. Please check with a TMCC advisor for further information. The WDCE "C" courses may not be counted for financial aid credit requirements.

TOTAL ELECTIVE REQUIREMENTS	27 CREDITS
TOTAL DEGREE REQUIREMENTS	60 CREDITS

Please see page B-9 for a complete list of courses that satisfy general education requirements.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

General Studies

Certificate of Achievement

General Education Requirements

COMPUTER SCIENCE/MATHEMATICS/ QUANTITATIVE REASONING/SCIENCE	3 CREDITS
ENGLISH/COMMUNICATIONS	6 CREDITS
FINE ARTS/HUMANITIES	3 CREDITS
HUMAN RELATIONS	3 CREDITS
SOCIAL SCIENCES	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	18 CREDITS

Elective Requirements

Electives..... 12

Great latitude is allowed in the selection of the 12 elective credits. Choice of credits can focus on one area alone or from any combination of occupational or general courses. Developmental courses, those numbered less than 100, cannot be applied to any degree or certificate.

Credits earned in many WDCE "C" courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the associate of general studies degree. Please check with a TMCC advisor for further information. The WDCE "C" courses may not be counted for financial aid credit requirements.

TOTAL ELECTIVE REQUIREMENTS	12 CREDITS
TOTAL CERTIFICATE REQUIREMENTS	30 CREDITS

Please see page B-9 for a complete list of courses that satisfy general education requirements.

Credits earned in many WDCE courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the certificate of achievement in general studies. Please check with a TMCC advisor for further information.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Geoscience

Associate of Science

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

The following courses will meet this requirement and also satisfy 3 credits in social science: ANTH 201 or 205; EDU 203; HIST 208, 209, 211, 212, 227 or 247; PSY 276; SOC 205 or 276.

ENGLISH 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

HUMANITIES 3 CREDITS

For students wishing to major in geology at UNR, the following core humanities classes are required: CH 201, CH 202 and CH 203

MATHEMATICS 6 CREDITS

Geology majors at UNR are required to take MATH 181, 182 prior to graduation.

SCIENCE 12 CREDITS

The following courses are required for geology majors at UNR: CHEM 201, 202, (CHEM 121, 122 acceptable but not preferred), PHYS 180/180L.

SOCIAL SCIENCES 6 CREDITS

CH 202 plus one of the following courses which will also meet the diversity requirement: ANTH 201 or 205; HIST 208, 209, 211, 212, 227 or 247 are recommended for students wishing to transfer to UNR.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

CH 203 highly recommended.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements

GEOG 103	Physical Geography.....	5
GEOL 101	Physical Geology.....	5
GEOL 102	Historical Geology.....	4
GEOL 260	Introduction to Field Methods.....	2
	Extra credit from math requirement.....	2

TOTAL EMPHASIS REQUIREMENTS 18 CREDITS

Elective Requirements

BIOL 100	General Biology for Non-Majors <i>or</i>	(3)
BIOL 190/190L	Introduction to Cell and Molecular Biology.....	(4)
GEOG 205	Applications of Geographic Information Systems.....	3
GEOL 206B	Geology of Geothermal Energy Resources.....	3
	<i>(B status in review)</i>	
NRES 100	Prin of Natural Resources & Environmental Science.....	3
NRES 210	Environmental Pollution.....	3
NRES 211	Conservation, Humans and Biodiversity.....	3
PHYS 181/181L	Physics for Scientists and Engineers II.....	4
	<i>Required for baccalaureate degree in Geology at UNR</i>	

TOTAL ELECTIVE REQUIREMENTS 6-7 CREDITS

TOTAL DEGREE REQUIREMENTS 63-64 CREDITS

Suggested Course Sequence

Note: to enroll in MATH 181, students must first successfully complete the MATH 126/127 sequence or place into MATH 181 via the following test scores:

ACT 28 or
SAT 630 or
ACCUPLACER College Level score 90 or higher

First Year	Course #	Title	Credits
1st Semester			
	GEOL 101		5
	MATH 181		4
	ENG 101		3
	CHEM 201 (121)		4
		Total	16
2nd Semester			
	GEOG 103		5
	MATH 182		4
	ENG 102		3
	CHEM 202 (122)		4
		Total	16

Second Year	Course #	Title	Credits
3rd Semester			
	GEOL 102		4
	GEOL 260		2
	PHYS 180/180L		4
Elective			3
	CH 201		3
		Total	16
4th Semester			
Emphasis Elective	or		(3)
	PHYS 181/181L		(4)
	CH 202		3
	CH 203		3
Gen. Ed. Electives			6
		Total	15-16
		Degree Total	63-64

Graphic Communications



Graphic Communications

Associate of Applied Science

The AAS degree in Graphic Communications prepares students for the wide range of job opportunities in the visual communications industry. These include areas such as graphic design, advertising, electronic production and prepress, printing and image reproduction, web design, web animation, digital video and 3D modeling and animation. The program instructs in both theory and application using the latest graphics software. Through program advisement students can tailor their degree to focus on either print or digital media emphasis. The degree is competency-based and gives students the skills they need to get a job in this exciting and ever-changing field.

General Education Requirements

DIVERSITY 3 CREDITS

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

Choose one course from each group.

English: BUS 106 preferred or choose from BUS 108, ENG 101, 102, 107, 108, 113, 114, 181 or JOUR 221.

Communications: BUS 107 or SPCM 113 preferred or choose from CPD 117, 201, 202, ENG 101, 102, 107, 108, 113, 114, 220, 221, JOUR 221 or SPCM 135.

HUMAN RELATIONS 3 CREDITS

Recommended: MGT 212 or choose from: CE 195B, CPD 117, 122, 124B, 126B, 129B, 132B, 133B, 218B, MGT 171, 201, 235 or PSY 102

QUANTITATIVE REASONING 3 CREDITS

Recommended: BUS 117B or MATH 120 or choose from: CUL 245, ECON 261, 262, all other math courses 100-level or above, PSY 210 or SOC 210

SCIENCE 6 CREDITS

Choose from: (100-level or above) astronomy, biology, chemistry, environment, geology, nutrition, physics or choose from ANTH 102 or GEOG 103

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

Recommended: GRC 111B, AAD 201, ART 160 or choose from any 100-level or above from the following areas (exceptions noted): art, English (except 101, 102, 103, 107, 108, 113 and 114), foreign languages, humanities, philosophy or choose from HIST 105, 106, 208, 209, 227, 247, MUS 121, 125, 225, 226, THTR 100, 209, 231, CH 201, 202, 203, anthropology (except 102), criminal justice, economics, geography (except 103), history, psychology, political science, sociology or choose from EDU 201, 202, 203, HDFS 201, 202 or JOUR 101

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

Choose from: CH 203, HIST 101, 102, 217, PSC 103, 208 (Both U.S. and Nevada Constitutions must be completed, PSC 103 or CH 203 will fulfill both requirements.)

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

GRC 107	Design Fundamentals	3
GRC 118	Computer Graphics/Print Media	3
GRC 119	Computer Graphics/Digital Media	3
GRC 144B	Electronic Layout and Typography	3
GRC 151B	Electronic Image Capture and Production	3
GRC 153B	Electronic Prepress/Imaging Technologies I.....	3
GRC 156	Computer Illustration	3
GRC 175	Web Design and Publishing I.....	3
GRC 183	Electronic Imaging.....	3
GRC 294B	Professional Portfolio	2

TOTAL CORE REQUIREMENTS 29 CREDITS

Elective Requirements

Group I Elective Requirements

Choose 15 credits from the following

GRC 109	Color and Design	3
GRC 110B	Rendering and Illustration	3
GRC 179	Multimedia Design and Production.....	3
GRC 181B	Digital Video I.....	3
GRC 185	Computer Animation I.....	3
GRC 188	Web Animation and Interactivity I.....	3
GRC 204B	Electronic Prepress/Imaging Technologies II.....	3
GRC 221B	Visual Communications Studio I.....	3
GRC 222B	Visual Communications Studio II.....	3
GRC 275B	Web Design and Publishing II.....	3
GRC 285B	Computer Animation II.....	3
GRC 288B	Web Animation and Interactivity II.....	3
GRC 290B	Internship in Graphic Communications	2

TOTAL GROUP I ELECTIVE REQUIREMENTS 15 CREDITS

Group II Elective Requirements

Choose six credits from the following

ART 101*	Drawing I	3
ART 124*	Introduction to Printmaking	3
ART 127	Water Color I	3
ART 135*	Photography I	3
ART 211	Ceramics I.....	3
ART 216	Sculpture I.....	3
CIT 151	Beginning Web Development	3
CIT 152B	Web Script Language Programming	3
CIT 153	Beginning PERL.....	3

TOTAL GROUP II ELECTIVE REQUIREMENTS 6 CREDITS

TOTAL DEGREE REQUIREMENTS 74 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Graphic Communications - Computer Graphics

Certificate of Achievement

The Certificate of Achievement in computer graphics prepares students for jobs in the print media areas of graphic communications. This includes graphic design, advertising, electronic production and computer graphics. The program instructs in both theory and application on the latest print-based graphics software. GRC certificates are for students that already have a degree or have industry experience and are looking for certification in their field.

General Education Requirements

COMMUNICATIONS 3 CREDITS
BUS 107 or SPCM 113 preferred or choose from CPD 117, 201, 202, ENG 101, 102, 107, 108, 113, 114, 220, 221, JOUR 221 or SPCM 135

HUMAN RELATIONS 3 CREDITS
MGT 212 preferred or choose from CE 195B, CPD 117, 124B, 126B, 129B, 132B, 133B, 218B, MGT 171, 201, 235 or PSY 102

QUANTITATIVE REASONING 3 CREDITS
BUS 117B or MATH 120 preferred or choose from CUL 245, ECON 261, 262, all other MATH courses 100-level or above, PSY 210 or SOC 210

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

GRC 107 Design Fundamentals 3
GRC 118 Computer Graphics/Print Media 3
GRC 119 Computer Graphics/Digital Media 3

TOTAL CORE REQUIREMENTS 9 CREDITS

Elective Requirements

Choose 18 credits from the following

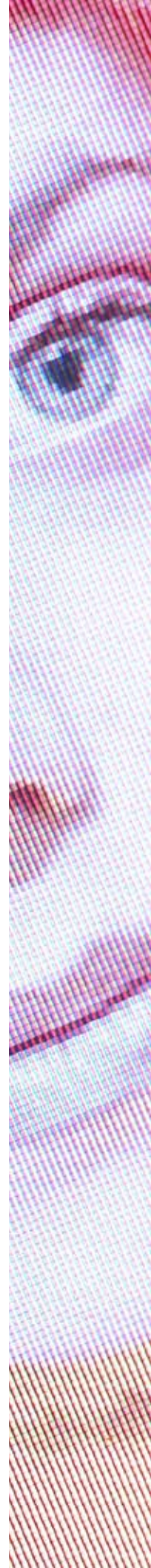
GRC 109 Color and Design 3
GRC 110B Rendering and Illustration 3
GRC 144B Electronic Layout and Typography 3
GRC 151B Electronic Image Capture and Production 3
GRC 153B Electronic Prepress/Imaging Technologies I 3
GRC 156 Computer Illustration 3
GRC 183 Electronic Imaging 3
GRC 204B Electronic Prepress/Imaging Technologies II 3
GRC 221B Visual Communications Studio I 3
GRC 222B Visual Communications Studio II 3
GRC 290B Internship in Graphic Communications 3
GRC 294B Professional Portfolio 2

TOTAL ELECTIVE REQUIREMENTS 18 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 36 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Graphic Communications - Digital Media

Certificate of Achievement

The Certificate of Achievement in digital media prepares students for jobs in web design, web animation, digital video and motion graphics. The program instructs in both theory and application on the latest monitor-based graphics software. GRC certificates are for students that already have a degree or have industry experience and are looking for certification in their field.

General Education Requirements

COMMUNICATIONS 3 CREDITS

BUS 107 or SPCM 113 preferred or choose from CPD 117, 201, 202, ENG 101, 102, 107, 108, 113, 114, 220, 221, JOUR 221 or SPCM 135

HUMAN RELATIONS 3 CREDITS

MGT 112 preferred or choose from CE 195B, CPD 117, 124B, 126B, 129B, 132B, 133B, 218B, MGT 171, 201, 235 or PSY 102

QUANTITATIVE REASONING 3 CREDITS

BUS 117B or MATH 120 preferred or choose from CUL 245, ECON 261, 262, all other MATH courses 100-level or above, PSY 210 or SOC 210

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Core Requirements

GRC 107 Design Fundamentals 3

GRC 118 Computer Graphics/Print Media 3

GRC 119 Computer Graphics/Digital Media 3

TOTAL CORE REQUIREMENTS 9 CREDITS

Elective Requirements

Choose 18 credits from the following

GRC 109 Color and Design 3

GRC 110B Rendering and Illustration 3

GRC 156 Computer Illustration 3

GRC 175 Web Design and Publishing I 3

GRC 179 Multimedia Design and Production 3

GRC 181B Digital Video I 3

GRC 185 Computer Animation I 3

GRC 188 Web Animation and Interactivity I 3

GRC 275B Web Design and Publishing II 3

GRC 285B Computer Animation II 3

GRC 288B Web Animation and Interactivity II 3

GRC 290B Internship in Graphic Communications 3

GRC 294B Professional Portfolio 2

TOTAL ELECTIVE REQUIREMENTS 18 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 36 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Graphic Communications - Imaging Technologies

Certificate of Achievement

The Certificate of Achievement in digital media prepares students for jobs in web design, web animation, digital video and motion graphics. The program instructs in both theory and application on the latest monitor-based graphics software. GRC certificates are for students that already have a degree or have industry experience and are looking for certification in their field.

General Education Requirements

COMMUNICATIONS **3 CREDITS**

BUS 107 or SPCM 113 preferred or choose from CPD 117, 201, 202, ENG 101, 102, 107, 108, 113, 114, 220, 221, JOUR 221 or SPCM 135

HUMAN RELATIONS **3 CREDITS**

MGT 212 preferred or choose from CE 195B, CPD 117, 124B, 126B, 129B, 132B, 133B, 218B, MGT 171, 201, 235 or PSY 102

QUANTITATIVE REASONING **3 CREDITS**

BUS 117B or MATH 120 preferred or choose from CUL 245, ECON 261, 262, all other MATH courses 100-level or above, PSY 210 or SOC 210

TOTAL GENERAL EDUCATION REQUIREMENTS **9 CREDITS**

Emphasis Requirements

GRC 107	Design Fundamentals	3
GRC 118	Computer Graphics/Print Media	3
GRC 119	Computer Graphics/Digital Media	3
GRC 151B	Electronic Image Capture and Production	3
GRC 153B	Electronic Prepress/Imaging Technologies I.....	3
GRC 156	Computer Illustration	3
GRC 175	Web Design and Publishing I.....	3
GRC 204B	Electronic Prepress/Imaging Technologies II.....	3
GRC 290B	Internship in Graphic Communications	3

TOTAL EMPHASIS REQUIREMENTS **26 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS **35 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Manufacturing Technology

The Manufacturing Technology AAS degree program is a two year program designed to provide training and technical job skills to students seeking employment and/or skill upgrades in machining, electronics, industrial maintenance, drafting, and automated production systems.

The following options are available to students:

Manufacturing Technologies AAS

Electronics Emphasis

Machining Emphasis

Production Systems Emphasis

Manufacturing Technologies Certificate of Achievement

Drafting Technology

Electronics Technology

Industrial Maintenance Systems Technology

Drafting Technology

Certificate of Achievement

The Drafting Technology Certificate is a one year program designed to provide training and technical job skills to students seeking employment and/or skill upgrades. A drafting technician works with designers and engineers within a variety of industries including manufacturing, architecture, construction, and landscaping. The program is competency-based. Students complete a variety of hands-on learning exercises ranging from manually drafted drawings to advanced computerized two and three dimensional wireframe and solid modeling projects.

General Education Requirements

COMMUNICATIONS 3 CREDITS

HUMAN RELATIONS 3 CREDITS

QUANTITATIVE REASONING 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Drafting Requirements

CADD 100 Introduction to Computer-Aided Drafting 3

CADD 105 Intermediate Computer-Aided Drafting 3

CADD 140 Technical Drafting I 3

CADD 141B Technical Drafting II 3

CADD 142B Technical Drafting III 3

CADD 299B Capstone/Assessment 1

COT 204B Using Windows 3

DFT 100 Basic Drafting Principles 3

DFT 110B Blueprint Reading for Industry 3

TOTAL CORE REQUIREMENTS 25 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 34 CREDITS

Suggested Course Sequence

First Year	Course #	Title	Credits
1st Semester			
Communications	ENG 107	Technical Communications I	3
	CADD 100	Introduction to Computer-Aided Drafting	3
	COT 204B	Using Windows	3
Quantitative Reas.		MATH 120 or higher	3
	DFT 100	Basic Drafting Principles	3
	DFT 110B	Blueprint Reading for Industry	3
			Total 18
2nd Semester			
	CADD 105	Intermediate Computer-Aided Drafting	3
	CADD 140	Technical Drafting I*	3
	CADD 141B	Technical Drafting II*	3
	CADD 142B	Technical Drafting III**	3
	CADD 299B	Capstone/Assessment	1
	CE 195B	Employability Skills	3
			Total 16
			Certificate Total 34
* Courses offered 1st half of semester			
** Courses offered 2nd half of semester			



Electronics Technology

Certificate of Achievement

The Electronics Technology Certificate is a one year program designed to provide training and technical job skills to students seeking an employment position within a variety of industries which require a basic electronics background. This program is competency-based, requiring students to complete a variety of hands-on learning exercises ranging from building and testing simple circuits to troubleshooting advanced electronic systems.

General Education Requirements

COMMUNICATIONS 3 CREDITS

HUMAN RELATIONS 3 CREDITS
Recommended: CE 195B

QUANTITATIVE REASONING 3 CREDITS
Recommended: MATH 108B

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Electronics Requirements

AIT 110B General Industrial Safety..... 1
ET 100B Survey of Electronics 4
ET 112B DC and Semiconductors 4
ET 114B AC and Semiconductors 4
ET 220B Solid State Electronics 4
ET 280B Digital Electronics 4

TOTAL REQUIREMENTS 21 CREDITS

Elective Requirements

Choose 6 credits from the following

ET 107B Electrical Measurements..... 2
ET 111B Thru-Hole Assembly and Repair 2
ET 113B Surface Mount Assembly and Repair..... 2
ET 222B Operational Amplifiers and Linear ICS..... 4
ET 234B Communications Systems 3
ET 270B Electronic Bench Service Tech..... 4

TOTAL ELECTIVE REQUIREMENTS 6 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 36 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Industrial Systems Technology

Certificate of Achievement

The Industrial Systems Technology Certificate is a one year program designed to provide training and technical job skills to students seeking employment and/or skill upgrades as a technician responsible for the support and maintenance of industrial systems including computer-controlled electrical and mechanical production equipment, material processing and handling equipment, general maintenance, and facility support systems. The program is competency-based, requiring students to complete a variety of hands-on learning exercises ranging from building and testing of equipment controls to troubleshooting of advanced electronic and mechanical systems.

General Education Requirements

COMMUNICATIONS 3 CREDITS
Recommended: ENG 107

HUMAN RELATIONS 3 CREDITS
Recommended: CE 195B

QUANTITATIVE REASONING 3 CREDITS
Recommended: MATH 108B

TOTAL GENERAL EDUCATION REQUIREMENTS 9 CREDITS

Industrial Systems Technology

Core Requirements

AC 205B	HVAC Control Systems	4
AIT 110B	General Industrial Safety.....	1
DFT 110B	Blueprint Reading for Industry.....	3
ET 100B	Survey of Electronics	4
IMT 110B	Introduction to Industrial Electricity.....	3
IMT 140B	Electric Motors and Drives.....	3
IMT 210B	Programmable Logic Controllers	4

TOTAL CORE REQUIREMENTS 22 CREDITS

Elective Requirements

Choose two of the following

ET 107B	Electrical Measurements	2
IMT 208B	Hydraulics	3
IMT 220B	Programmable Logic Controllers II (PLC II).....	4
IMT 233B	Introduction to Instrumentation	3
WELD 101B	Basic Metals	3

TOTAL ELECTIVE REQUIREMENTS 5-7 CREDITS

TOTAL CERTIFICATE REQUIREMENTS 36-38 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Machining Emphasis

Associate of Applied Science

The Manufacturing Technology, Machining Emphasis AAS degree program is a two year program designed to provide training and technical job skills to students seeking employment and/or skill upgrades within the manufacturing and machine trades. The program is competency-based, requiring students to complete a variety of hands-on learning exercises ranging from manually machined projects to advanced multi-axis CNC tasks. This program is offered in a flexible open-entry / open-exit format to respond to the needs of industry and the working professional.

General Education Requirements

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
ENGLISH/COMMUNICATIONS	6 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

AIT 110B	General Industrial Safety.....	1
AIT 120B	Basic Electrical for Technology.....	2
DFT 110B	Blueprint Reading for Industry.....	3

TOTAL CORE REQUIREMENTS 6 CREDITS

Emphasis Requirements

MTT 101B	Introduction to Machine Shop.....	3
MTT 105B	Machine Shop I.....	3
MTT 110B	Machine Shop II.....	3
MTT 230B	Computer Numerical Control I.....	4
MTT 232B	Computer Numerical Control II.....	4
MTT 292B	Computer-Aided Manufacturing I.....	4

Elective Requirements

Choose 12-13 credits from the following

MTT 140B	Inspection Techniques.....	3
MTT 150B	Metallurgy I.....	3
MTT 250B	Machine Shop III.....	3
MTT 260B	Machine Shop IV.....	3
MTT 293B	Computer-Aided Manufacturing II.....	3
WELD 101B	Basic Metals.....	3

TOTAL EMPHASIS REQUIREMENTS 12-13 CREDITS

TOTAL DEGREE REQUIREMENTS 63-64 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Manufacturing Technology - Electronics Emphasis

Associate of Applied Science

The Manufacturing Technology, Electronics Emphasis AAS degree program is a two year program designed to provide training and technical job skills for students seeking employment and/or skill upgrades within the electronics field. An electronics technician maintains, troubleshoots, repairs and builds electronic components, equipment and circuitry within a variety of industries. This program is competency-based, requiring students to complete a variety of hands-on learning exercises ranging from building and testing simple circuits to troubleshooting advanced electronic systems.

General Education Requirements

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
ENGLISH/COMMUNICATIONS	6 CREDITS
Recommended: ENG 107	
HUMAN RELATIONS	3 CREDITS
Recommended: CE 195B	
QUANTITATIVE REASONING	3 CREDITS
MATH 120 or higher	
SCIENCE	6 CREDITS
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

AIT 110B	General Industrial Safety.....	1
AIT 120B	Basic Electrical for Technology.....	2
DFT 110B	Blueprint Reading for Industry.....	3

TOTAL CORE REQUIREMENTS..... **6 CREDITS**

Electronics Emphasis Requirements

ET 100B	Survey of Electronics.....	4
ET 112B	DC and Semiconductors.....	4
ET 114B	AC and Semiconductors.....	4
ET 220B	Solid State Electronics.....	4
ET 222B	Operational Amplifiers and Linear ICS.....	4
ET 280B	Digital Electronics.....	4

Elective Requirements

Choose 12 credits from the following

ET 107B	Electrical Measurements.....	2
ET 111B	Thru-Hole Assembly and Repair.....	2
ET 113B	Surface Mount Assembly and Repair.....	2
ET 234B	Communications Systems.....	3
ET 270B	Electronic Bench Service Tech.....	4
ET 290B	Internship in Electronics Technology.....	1-8

TOTAL EMPHASIS REQUIREMENTS..... **36 CREDITS**

TOTAL DEGREE REQUIREMENTS..... **66 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Manufacturing Technology - Production Systems Emphasis

Associate of Applied Science

The Manufacturing Technology, Production Systems Emphasis AAS degree program is a two year program designed to provide training and technical job skills to students seeking employment and/or skill upgrades as an industrial production, assembly, or fabrication manager or technician. The program utilizes an advanced automated production lab in which students demonstrate and manipulate production system controls and techniques at both the technician and managerial levels. This program is offered in a flexible open-entry / open-exit format to respond to the needs of industry and the working professional.

General Education Requirements

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
ENGLISH/COMMUNICATIONS	6 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
SCIENCE	6 CREDITS
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

AIT 110B	General Industrial Safety.....	1
AIT 120B	Basic Electrical for Technology.....	2
DFT 110B	Blueprint Reading for Industry.....	3

TOTAL CORE REQUIREMENTS **6 CREDITS**

Emphasis Requirements

CADD 100	Introduction to Computer-Aided Drafting.....	3
MATH 152	Introduction to Statistics.....	3
ME 150	Introduction to Mechanical Design.....	3
MTT 145B	Quality Control.....	3
MTT 185B	Automated Production Concepts I.....	3
MTT 285B	Automated Production Concepts II.....	3
MTT 286B	Automated Production Concepts III.....	2

TOTAL EMPHASIS REQUIREMENTS **20 CREDITS**

Elective Requirements

Choose 12-13 credits from the following

BUS 101	Introduction to Business.....	3
DFT 100	Basic Drafting Principles.....	3
ET 107B	Electrical Measurements.....	2
IMT 233B	Introduction to Instrumentation.....	3
MGT 170B	Manufacturing Supervision.....	4
MTT 140B	Inspection Techniques.....	3
	Any other MTT course.....	3

TOTAL ELECTIVE REQUIREMENTS **12-13 CREDITS**

TOTAL DEGREE REQUIREMENTS **62-63 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Massage Certificate Program

Workforce Development and Continuing Education

Nevada State Licensure - Preparation Classes

This series of courses is designed to follow the guidelines established by local Nevada ordinances as well as the National Certification Board of Therapeutic Massage and Bodywork. Students completing the TMCC program will be eligible to take the National Certification Exam and also will be eligible to join either of the two nationally recognized professional organizations: AMTA (American Massage Therapy Association) or ABMP (Associated Bodywork and Massage Professionals).

Course Requirements

Taking sciences through BIOL 223 or 141B is recommended before taking MASG 201C.

BIOL 223	Human Anatomy and Physiology I <i>and</i>	(4)
BIOL 224	Human Anatomy and Physiology II	(4)
<i>or</i>		
BIOL 141B	Human Structure and Function I <i>and</i>	(4)
BIOL 142B	Human Structure and Function II	(4)
EMS 101B	CPR and First Aid	1
NURS 140	Medical Terminology	3
MASG 106C	Meridians of Oriental Massage	1
MASG 200C	Introduction to Massage Training	0.5
MASG 201C	Fundamentals of Professional Massage	6
<i>Prerequisite: MASG 200C. Prerequisite/corequisite: MASG 205C. BIOL 141B or 223 is a recommended prerequisite. Offered fall semester only.</i>		
MASG 203C	Pathology for Massage Professionals	3
<i>Corequisite or prerequisite: BIOL 141B or BIOL 223</i>		
MASG 205C	Kinesiology	3
MASG 210C	Massage Clinic	7
<i>Prerequisites: MASG 201C and 203C. Corequisite/prerequisite: MASG 205C.</i>		
MASG 215C	Business and Marketing for Professionals	3
<i>Offered spring semester only.</i>		
MASG 220C	Massage Internship I	1
<i>Prerequisites: MASG 210C and 215C. Recommended prerequisite: BIOL 142B or 224. Offered summer only.</i>		

TOTAL COURSE REQUIREMENTS 36.5 CREDITS

Elective Requirements

Electives 2
30 hours of additional program-approved workshops, classes and seminars of which a minimum of 15 hours must be in a non-Western system of body work. Check the class schedule for offerings.

TOTAL ELECTIVE REQUIREMENTS 2 CREDITS

Please note: the massage courses do not lead to TMCC associate of arts, associate of science or associate of applied science degrees or certificates of achievement. Credits earned in many WDCE "C" courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the general studies associate degree or certificate. Also "C" classes may not be counted for financial aid credit requirements.

Suggested Course Sequence

Sequence designed for a full-time student.

Course #	Title	Credits	
Fall Semester			
(offered fall only)	MASG 200C	Introduction to Massage Training	0.5
	MASG 201C	Fundamentals of Professional Massage	6
	BIOL 141B	Human Structure and Function I	4
	MASG 205C	Kinesiology	3
	MASG 106C	Meridians of Oriental Massage	1
	EMS 101B	CPR and First Aid	1
	NURS 140	Medical Terminology	3
	Electives	Electives in MASG	0.5+
Total		18.5+	

Course #	Title	Credits	
Spring Semester			
(offered spring only)	MASG 210C	Massage Clinic	7
	MASG 203C	Pathology for Massage Professionals	3
	MASG 215C	Business & Marketing for Professionals	3
	BIOL 142	Human Structure and Function II	4
	Electives	Electives in MASG	0.5+
Total		17+	
Summer Semester			
	MASG 220C	Massage Internship I	1
Total		1	



Mathematics Emphasis

Associate of Science

This is a two-year transferable program leading to an Associate of Science with an emphasis in Mathematics. This program will provide students with the necessary background in Calculus and Differential Equations needed for a Bachelor's degree in Mathematics and will also provide the computer science needed for a Bachelor of Science degree at UNR. All courses recommended will partially satisfy the degree requirements for any of the Bachelor's degree options offered by the Mathematics Department at the University of Nevada, Reno.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

Choosing from ANTH 201 or 201, EDU 203, HIST 208, 209, 211, 212, 227 or 247, PSY 276, SOC 205 or 276 will meet this requirement and also satisfy 3 credits of social sciences.

ENGLISH/COMMUNICATIONS 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

See list of courses under the Associate of Science degree requirement.

HUMANITIES 3 CREDITS

Select a humanities from the department of History (only HIST 208, 209, 227 or 247), philosophy, English (except 101, 102, 107, 108, 112D, 113, 114, 181 and 297) or foreign languages and literature (except those with 'B' designators) at 200-level or above.

MATHEMATICS 6 CREDITS

MATH 181, 182. Additional credits may be used to satisfy elective requirements.

SCIENCE 12 CREDITS

See list of courses under the Associate of Science degree requirement.

SOCIAL SCIENCES 6 CREDITS

Choosing from one of the following courses will also meet the diversity requirements: ANTH 201 or 205, EDU 203, HIST 208, 209, 211, 212, 227 or 247, PSY 276, SOC 205 or 276.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

See list of courses under the Associate of Science degree requirement.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements

MATH	Additional credits from MATH 181, 182	2
MATH 283	Calculus III	4
MATH 285	Differential Equations	3
CS 135R	Computer Science I	3
CS 202	Computer Science II	3

TOTAL EMPHASIS REQUIREMENTS 15 CREDITS

Elective Requirements

TOTAL ELECTIVE REQUIREMENTS 6 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

Note: to enroll in MATH 181, students must first successfully complete the MATH 126/127 sequence or place into MATH 181 via the following test scores:

ACT 28 or

SAT 630 or

ACCUPLACER College Level score 90 or higher

First Year	Course #	Title	Credits
1st Semester			
English	ENG 101	Composition I	3
Soc. Science	Elective		3
Math	MATH 181	Calculus I	4
Science	Elective		4
Total			14
2nd Semester			
English	ENG 102	Composition II	3
Math	MATH 182	Calculus II	4
Science	Elective		4
Fine Arts	Elective		3
Social Science/Div.	Elective		3
Total			17

Second Year	Course #	Title	Credits
3rd Semester			
Emphasis	MATH 283	Calculus III	4
Emphasis	CR 135R	Computer Science	3
	Elective		3
Science	Elective		4
Total			14
4th Semester			
Emphasis	MATH 285	Differential Equations	3
Humanities			3
Emphasis	CS 202	Computer Science II	3
	Elective		3
Constitution			3
Total			15
Degree Total			60

Medical Imaging



Medical Imaging for Foreign Educated Radiographers

Certificate of Achievement

TMCC offers a certificate of achievement for radiologic technologists (radiographers) educated and certified in other countries wishing to gain American Registry of Radiologic Technologists (ARRT) certification. Interested persons should contact the program coordinator at 775-673-7121. An individualized educational plan will be developed following the receipt of transcripts and appropriate documentation of the educational experience.

General Education Requirements

The following must be completed at TMCC.

ENGLISH/COMMUNICATIONS	6 CREDITS
HUMAN RELATIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Core Requirements

MATH 105B	Math for Radiologic Technicians..... 3 <i>(Or MATH 120 or 126)</i>
LTE 110	Techniques of Venipuncture 4
IS 101	Introduction to Information Systems 3
RAD 103B	Medical Ethics 1
RAD 112B	Patient Care and Medical Terminology 2
RAD 116B	Radiography I..... 3
RAD 118B	Radiology Physics and Circuitry..... 3
RAD 124B	Radiographic Photo and Techniques 3
RAD 126B	Radiography II..... 3
RAD 128B	Imaging Equipment 3
RAD 236B	Radiographic Contrast—Routine Exams..... 2
RAD 238B	Radiation Safety and Protection..... 2
RAD 242B	Radiography Quality Management 1
RAD 244B	Diagnostic and Therapeutic Radiation..... 2
RAD 247B	Radiography Quality Control 1
The following core requirements must be completed at TMCC.	
RAD 259B	Seminar in Radiography..... 2
RAD 290B	Internship in Radiologic Technology..... 9
TOTAL CORE REQUIREMENTS	47 CREDITS
TOTAL CERTIFICATE REQUIREMENTS	56 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Medical Imaging for Re-entry Radiographers

Certificate of Achievement

TMCC offers a certificate of achievement for radiologic technologists (radiographers) who wish to re-enter the profession after not working for several years, or become re-certified with the American Registry of Radiologic Technologists (ARRT), or graduates of an accredited program needing to become "registry eligible" again. Interested persons should contact the coordinator at 775-673-7121. An individualized educational plan will be developed following the receipt of transcripts and appropriate documentation of the educational experience.

General Education Requirements

The following must be completed at TMCC.

COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	6 CREDITS

Core Requirements

MATH 105B	Math for Radiologic Technicians	3
	<i>(Or MATH 120 or 126)</i>	
LTE 110	Techniques of Venipuncture	4
IS 101	Introduction to Information Systems	3
RAD 103B	Medical Ethics	1
RAD 112B	Patient Care and Medical Terminology	2
RAD 116B	Radiography I	3
RAD 118B	Radiology Physics and Circuitry	3
RAD 124B	Radiographic Photo and Techniques	3
RAD 126B	Radiography II	3
RAD 128B	Imaging Equipment	3
RAD 236B	Radiographic Contrast—Routine Exams	2
RAD 238B	Radiation Safety and Protection	2
RAD 242B	Radiography Quality Management	1
RAD 244B	Diagnostic and Therapeutic Radiation	2
RAD 247B	Radiography Quality Control	1

The following core requirements must be completed at TMCC.

RAD 259B	Seminar in Radiography	2
RAD 290B	Internship in Radiologic Technology	9

TOTAL CORE REQUIREMENTS	47 CREDITS
TOTAL CERTIFICATE REQUIREMENTS	53 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Mental Health Services



Mental Health Technician

Mental Health Services – Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS) Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
COMMUNICATIONS 3 CREDITS Recommended: ENG 102	
ENGLISH 3 CREDITS Recommended: ENG 101	
HUMAN RELATIONS 3 CREDITS Recommended: CPD 117	
QUANTITATIVE REASONING 3 CREDITS	
SCIENCE 6 CREDITS Recommended: BIOL 100 and CHEM 100	
SOCIAL SCIENCES/HUMANITIES 3 CREDITS Required: PSY 101	
U.S. AND NEVADA CONSTITUTIONS 3 CREDITS	
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

PSY 102 Psychology of Personal and Social Adjustment.....	3
PSY 130 Human Sexuality.....	3
PSY 241 Introduction to Abnormal Psychology.....	3
HDFS 201 Lifespan Human Development <i>or</i>	(3)
PSY 233 Child Psychology.....	(3)
TOTAL CORE REQUIREMENTS	12 CREDITS

Emphasis Requirements

MHDD 101 Role of the Technician	1
MHDD 102 Medical Component	1
MHDD 105 Conflict Prevention and Response Training.....	1
MHDD 107 Medication Fundamentals	2
MHDD 109 Introduction to Therapeutic Interventions.....	2
MHDD 150 Issues in Substance Abuse.....	1
MHDD 153 Life Span Development	1
MHDD 154 Advanced Therapeutic Interventions.....	2
MHDD 160 Etiologies, Theory and Treatment of Mental Illness.....	2
MHDD 295 Practicum in MH/DD	3

TOTAL EMPHASIS REQUIREMENTS 16 CREDITS

Elective Requirements

Electives.....	8
<i>Electives must be approved by department chair.</i>	

TOTAL ELECTIVE REQUIREMENTS 8 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Substance Abuse Counselor

Mental Health Services – Associate of Applied Science

All substance abuse counseling students are strongly encouraged to contact the Nevada Bureau of Alcohol and Drug Abuse and learn more about the changing requirements for internship, certification and licensure in this area.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

COMMUNICATIONS 3 CREDITS

Recommended: ENG 102

ENGLISH 3 CREDITS

Recommended: ENG 101

HUMAN RELATIONS 3 CREDITS

Recommended: CPD 117

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS

Recommended: BIOL 100 and CHEM 100

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

Required: PSY 101

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

PSY 102 Psychology of Personal and Social Adjustment..... 3

PSY 130 Human Sexuality..... 3

PSY 241 Introduction to Abnormal Psychology..... 3

HDFS 201 Lifespan Human Development *or*..... (3)

PSY 233 Child Psychology..... (3)

TOTAL CORE REQUIREMENTS 12 CREDITS

Emphasis Requirements

CEP 254 Biopsychosocial Factors in Addiction..... 3

CEP 255 Developmental Theories-Prevention/Edu Strategies..... 3

CRJ 101 Introduction to Criminal Justice I *or*..... (3)

SW 220 Introduction to Social Work..... (3)

CPD 116 Substance Abuse-Fund Facts and Insights..... 3

CPD 120 Treatment Planning and Case Management..... 2

CPD 291 Substance Abuse Counseling Practicum I..... 3

TOTAL EMPHASIS REQUIREMENTS 17 CREDITS

Elective Requirements

Electives..... 7

Electives must be approved by department chair.

TOTAL ELECTIVE REQUIREMENTS 7 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Developmental Disabilities – Technician Emphasis

Mental Health Services – Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS) Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.	
COMMUNICATIONS 3 CREDITS Recommended: ENG 102	
ENGLISH 3 CREDITS Recommended: ENG 101	
HUMAN RELATIONS 3 CREDITS Recommended: CPD 117	
QUANTITATIVE REASONING 3 CREDITS	
SCIENCE 6 CREDITS Recommended: BIOL 100 and CHEM 100	
SOCIAL SCIENCES/HUMANITIES 3 CREDITS Required: PSY 101	
U.S. AND NEVADA CONSTITUTIONS 3 CREDITS	
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

PSY 102 Psychology of Personal and Social Adjustment.....	3
PSY 130 Human Sexuality.....	3
PSY 241 Introduction to Abnormal Psychology.....	3
HDFS 201 Lifespan Human Development <i>or</i>	(3)
PSY 233 Child Psychology.....	(3)
TOTAL CORE REQUIREMENTS	12 CREDITS

Emphasis Requirements

MHDD 101 Role of the Technician	1
MHDD 102 Medical Component	1
MHDD 105 Conflict Prevention and Response Training.....	1
MHDD 106 Teaching and Active Treatment	1
MHDD 107 Medication Fundamentals	2
MHDD 109 Introduction to Therapeutic Interventions.....	2
MHDD 126 Understanding Developmental Disabilities	2
MHDD 153 Life Span Development	1
MHDD 154 Advanced Therapeutic Interventions.....	2
MHDD 295 Practicum in MH/DD	3

TOTAL EMPHASIS REQUIREMENTS 16 CREDITS

Elective Requirements

Electives.....	8
<i>Electives must be approved by department chair.</i>	

TOTAL ELECTIVE REQUIREMENTS 8 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Military Occupations

Associate of Applied Science

This degree program is designed with two goals in mind. The first goal is to recognize and assist past or current U.S. Armed Forces service members, reservists and National Guard members who have received extensive military training. Training that is recognized as being the equivalent of college instruction by the American Council on Education (ACE) is applicable to this degree. This program is designed to facilitate service members and veterans in earning an associate degree with an emphasis on management principles and leadership skills. The second goal is to assist TMCC students beginning military service and those students currently enrolled in the University of Nevada, Reno military science program. Students may enroll in TMCC military science courses that are taught at the UNR campus by its military science department. Call 775-784-6751.

Current service members, reservists and guard members who obtain this degree may enhance their assignment and promotion opportunities. Veterans may enhance their post-military career employment opportunities by earning this associate degree. Pre-service Reserve Officers Training Corps (ROTC) students may earn their associate of applied science in military occupations while attending their military science/ROTC program at UNR. New Armed Forces service members, reservists and guard members may earn college credit for completing their basic and advanced individual training and then apply that training to their degree.

Core Requirements

CE 196B	Work Experience I.....	9
COT 202B	Introduction to Computer Applications	3
MGT 201	Principles of Management	3
MGT 212	Leadership and Human Relations.....	3
	Advanced Individual Training (military)	15
	Approved Electives.....	6

TOTAL CORE REQUIREMENTS **39 CREDITS**

TOTAL DEGREE REQUIREMENTS **60 CREDITS**

Any course taken in the military education system and listed in the American Council on Education Guide ACE, MO 110B Basic Military Training, can be used for three credits if registration occurs prior to training.

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS

HUMAN RELATIONS (INCLUDED IN CORE REQUIREMENTS)

QUANTITATIVE REASONING 3 CREDITS

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 21 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Northern Nevada Law Enforcement Academy

Category I Peace Officers

TMCC with the Reno Police Department, Sparks Police Department and Washoe County Sheriff's Office conducts the Northern Nevada Law Enforcement Academy located at TMCC. The academy is certified by the Nevada Peace Officer Standards and Training (POST) Commission to provide basic police academy training. With the successful completion of the academy a graduate will meet all POST training standards required to be certified as a Category I Nevada peace officer. At the conclusion of the academy, graduates are administered the Nevada State POST certification examination.

There are two 14-week academy sessions annually. Courses are conducted over a 40-hour week. The academy has classroom and practical instruction ranging from constitutional law, ethics, search and seizure, laws of arrest, weaponless defense, firearms and emergency vehicle operation. Graduates can earn 27 college credits toward a criminal justice degree during this academically and physically demanding academy. There are a limited number of positions available for the academy with priority given to recruits being sponsored by local law enforcement agencies.

Please also see the worksheets for community policing and problem solving, corrections/probation, criminal justice, investigation, law enforcement, juvenile justice and pre-law.

The public is admitted on a limited basis. The following requirements must be met prior to enrollment.

- Be at least 21 years of age by the time of graduation
- Receive acceptable scores on the ACCUPLACER test
- Receive approval from a law enforcement agency in the state of Nevada, based on a background investigation conducted by that agency
- Provide medical clearance, blood and drug screening
- Pass pre-academy fitness standards
- Provide proof of medical insurance
- Purchase an academy uniform, leather and fitness gear
- Purchase a Glock, Smith and Wesson, Beretta or Sig-Sauer pistol in 9mm, 10mm, .40 cal. or .45 cal. or a weapon approved by academy staff and sponsoring agency
- Purchase ammunition (1,500 rounds) and gun, 125-round shotgun
- Be prepared to attend class Monday through Friday from 8 a.m. to 5 p.m. In addition, study time and numerous night classes will be held.

APPROXIMATE TUITION: \$2,000 registration and tuition fee must be paid in advance. This training includes college credits, which can be applied toward a Criminal Justice degree or toward additional POST training certification.

775-789-5500





Nursing Program

Special Admission Procedures

Program information

The TMCC associate degree in nursing (ADN) program prepares the student to practice nursing as a registered nurse. Graduates of an ADN program usually practice as staff nurses in direct client care in hospitals, long-term care facilities, clinics and other agencies where nursing roles and services are structured and well developed. The TMCC nursing program meets all the minimum degree requirements for the associate of applied science degree. The associate of applied science degree in nursing will be awarded upon completion of the curriculum and the student will be eligible to apply to take the national NCLEX-RN examination leading to licensure as a Registered Nurse. The TMCC ADN program is approved by the State Board of Nursing and is accredited by the National League of Nursing Accrediting Commission. TMCC is accredited by the Northwest Commission on Colleges and Universities.

Accreditation

NLNAC, the accrediting agency for NLN, maintains information on TMCC's nursing program with regard to tuition, fees and length. NLNAC's address is 61 Broadway, 33rd Floor, New York, NY 10006. The telephone number is 1-800-669-1656, the Web address is www.nlnac.org. Students may contact NLNAC directly.

A student's progression in the ADN program is contingent upon attaining and maintaining a grade of "C" or better in the nursing curriculum. Nursing courses are to be taken in the sequence outlined on the following page. General education support courses may be taken as outlined or prior to acceptance into the program. Because clinical experiences and/or theory courses may be scheduled during both day and evening hours, it is suggested that as many general education classes as possible be taken prior to acceptance into the program. Please note that HDFS 201 must be completed prior to admission to NURS 144 and NURS 146.

Nursing students who are unable to progress from one course to another in the program have only one opportunity to re-enter within two years of exiting the program. All re-entry admissions are on a space available basis. Re-entry is not guaranteed. Upon the student's readmission, a committee will outline the necessary course work.

Nursing program graduates are eligible to apply for licensure in the state of their choice. Each state has specific criteria for licensure eligibility. It is the student's responsibility to contact the state to ascertain eligibility requirements. The State of Nevada licensure application contains five questions which may impact the applicant's ability to obtain licensure. These five questions have to do with revocation, denial or suspension of a license or certificate, conviction of a criminal offense, problems with drug or alcohol use, treatment for mental illness and physical disability which could impair one's ability to practice nursing. Each state board of nursing determines requirements for licensure. Graduation from an accredited program is only one of the requirements and does not mean automatic licensure as a nurse.

Background checks are a requirement of some clinical facilities with which Truckee Meadows Community College has a contract for nursing student clinical experience. If a student declines fingerprinting or if the background is unsatisfactory to the facility, the student will not be permitted by the facility to participate in the clinical portion of the program. Current and prospective students are advised that they will be withdrawn from the program if clinical requirements are not able to be met for any reason. TMCC will not be responsible for obtaining background checks and will not receive the results of any background investigations.

NURS 142-Fundamentals of Pharmacology is an open course, not restricted to accepted nursing students only. The course may be taken prior to admission to the nursing program or during either of the first two semesters. Prerequisites for this course are completion of BIOL 223 and 224.

775-673-7115

Nursing

Associate of Applied Science

Prerequisites

BIOL 223	Human Anatomy and Physiology I	4
BIOL 224	Human Anatomy and Physiology II	4
BIOL 251	General Microbiology	4

TOTAL PREREQUISITE REQUIREMENTS 12 CREDITS

Core Requirements

Includes general education requirements.

DIVERSITY 3 CREDITS
Required: ANTH/SOC 205 or PSY/SOC 276 or ANTH 201

Level I

ENG 101	Composition I	3
HDFS 201	Lifespan Human Development	3
	<i>Must be completed by the beginning of the second semester of the program.</i>	
NURS 131	Fundamentals of Nursing Care	2
NURS 132	Introduction to Nursing	2
NURS 160	Medical-Surgical Nursing Care I	2
NURS 161	Medical-Surgical Nursing Care I Lab	2
NURS 191	Fundamentals of Nursing Care Lab	1

TOTAL LEVEL I REQUIREMENTS 18 CREDITS

Level II

NUTR 223	Principles of Nutrition	3
	<i>Must be completed by the end of the second semester of the program.</i>	
NURS 142	Fundamentals of Pharmacology	2
	<i>Usually taught both fall and spring semesters to nursing and pre-nursing students with prerequisite.</i>	
NURS 144	Pediatric Nursing Care	2
NURS 145	Maternity Nursing Care	2
NURS 146	Pediatric Nursing Care Clinical	2
NURS 147	Maternity Nursing Care Clinical	2
	Mathematics (120 or 126)	3

TOTAL LEVEL II REQUIREMENTS 16 CREDITS

Level III

ENG 102	Composition II	3
NURS 235	Psychiatric Nursing Care	2
	<i>Meets three credit human relations requirement.</i>	
NURS 251	Medical-Surgical Nursing Care II	2
NURS 293	Medical-Surgical Nursing Care II Lab	2
NURS 295	Psychiatric Nursing Care Lab	2
	<i>Meets three credit human relations requirement.</i>	
	Psychology (Required: PSY 101 or 102)	3

TOTAL LEVEL III REQUIREMENTS 14 CREDITS

Level IV

NURS 255	Medical-Surgical Nursing Care III	3
NURS 259	Nursing Today	1
NURS 294	Medical Surgical Nursing Care III Lab	3
NURS 297	Clinical Practicum	2
PSC 103	Principles American Constitutional Govt. (or equivalent) ...	3

TOTAL LEVEL IV REQUIREMENTS 12 CREDITS

TOTAL DEGREE REQUIREMENTS 72 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Paralegal/Law



Paralegal/Law

Associate of Applied Science

General Education Requirements

DIVERSITY (3 CREDITS)
Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH/COMMUNICATIONS 6 CREDITS
Recommended: ENG 101, BUS 108

CONSTITUTION (U.S. AND NEVADA) 3 CREDITS
Both U.S. and Nevada constitutions must be completed, only classes labeled * will fulfill both requirements.
Choose from: CH 203*, HIST 101, 102, 217, PSC 103, * 208

HUMAN RELATIONS 3 CREDITS
Choose from: MGT 171, 201, 212, 235

QUANTITATIVE REASONING 3 CREDITS
Choose from: math courses 100 or above (except 100B, 105B, 107B, 108B, 122, 123, 190B)

SCIENCE 6 CREDITS

SOCIAL SCIENCES/HUMANITIES 3 CREDITS
HUMANITIES: all English courses (except 101, 102, 112D, 107, 108, 113, 114, 181, 221), all foreign languages, CH 201, 202, 203, HIST 105, 106, 217, HUM 101, 102, all philosophy courses, THTR 100
SOCIAL SCIENCES: all anthropology courses (except 102), CH 203, ECE 102, all geography courses (except 103), all history courses, HDFS 201, all political science courses, all psychology courses, all sociology courses

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

COT 150 Introduction to WordPerfect *or* (3)
COT 202B Introduction to Computer Applications (3)
LAW 101 Fundamentals of Law I (*LS) 3
LAW 203 Real Property (LS) 3
LAW 204 Torts (LS) 3
LAW 205 Contracts (LS) 3
LAW 206B Case Analysis (LS) 3
LAW 231 Procedure – Civil (LS) 3
LAW 259 Legal Writing (LS) 3
LAW 261 Legal Research I (LS) 3
LAW 263 Ethics (LS) 3
LAW 264 Civil Evidence (LS) 3

TOTAL CORE REQUIREMENTS 33 CREDITS

Elective Requirements

Choose 12 credits from the following

CRJ 160B Principles of Private Investigation *or* (3)
CRJ 164 Principles of Investigation (3)
LAW 198B Special Topics Legal Assistant (LS) 5-6
LAW 232 Procedure – Criminal (LS) 3
LAW 233 Business Structures (LS) 3
LAW 251 Bankruptcy (LS) 3
LAW 252 Family Law (LS) 3
LAW 255 Probate Procedures (LS) 3
LAW 295 Supervised Field Experience (LS) 3
NURS 140 Medical Terminology 3

TOTAL ELECTIVE REQUIREMENTS 12 CREDITS

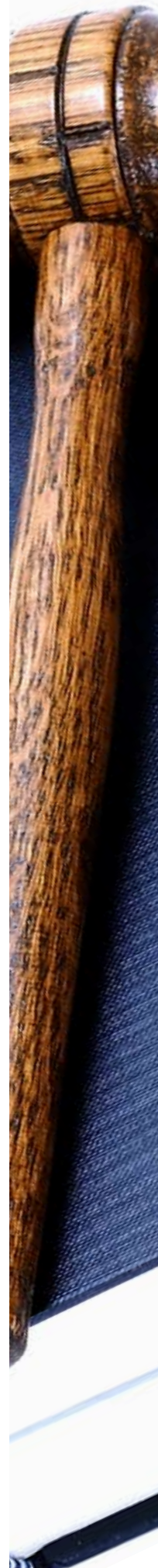
TOTAL DEGREE REQUIREMENTS 69 CREDITS

The LAW 101 (Fundamentals of Law I) course is open to all students. Upon completion of LAW 101 with a grade of 'B' or better a student may register for additional LAW courses through normal registration procedures. A student must maintain an average of a 'B' GPA in all law-related courses to graduate with the AAS degree in paralegal. To graduate, students must complete 15 semester credits in legal specialty courses within TMCC in residence or through distance education at TMCC. Transfer credit intended to satisfy legal specialty credit will be reviewed by the program director for course content, through syllabi, assignments, etc., to ensure that substantively the course satisfies the ABA requirements.

*"LS" denotes legal specialty courses.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Legal Office Professional

Certificate of Achievement

General Education Requirements

ENGLISH/COMMUNICATIONS _____ 6 CREDITS
Recommended: BUS 108, ENG 101

HUMAN RELATIONS _____ 3 CREDITS
Choose from MGT 171, 201, 212, 235

QUANTITATIVE REASONING _____ 3 CREDITS
Choose from math courses 120 or above (except 122, 123 and 190B)

TOTAL GENERAL EDUCATION REQUIREMENTS _____ **12 CREDITS**

Core Requirements

COT 150 Introduction to WordPerfect *or* (3)
COT 151 Introduction to Microsoft Word *or* (3)
COT 202B Introduction to Computer Applications (3)
COT 216 Intermediate Word Processing 3
LAW 101 Fundamentals of Law I 3
LAW 206B Case Analysis 1
LAW 263 Ethics 2
LAW 267B Legal Office Practice and Procedures 3
LAW268B Legal Office Basics 3

TOTAL CORE REQUIREMENTS _____ **18 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS _____ **30 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Paramedic Program

Special Admission Procedures

The paramedic program is designed for the student who desires education with a career goal as a paramedic (Emergency Medical Technician, Paramedic-EMTP). A certificate of completion will be offered upon completion of the curriculum and successful passing of the National Registry Exam. The certificate of achievement from TMCC will be awarded after the student has completed all program and certificate requirements. This is a 10-month continuous program.

The EMTP curriculum meets all requirements as outlined in the U.S. Department of Transportation (DOT) and the Emergency Medical Technician-Paramedic National Standard Curriculum. The program is 1,400+ hours in length and based on specific objectives. The didactic/classroom phase includes 600+ hours of instruction. Activities include lectures, skills lab sessions, demonstrations and simulations. The second phase is completed in the hospital environment where the student is provided the opportunity to apply the cognitive knowledge and psychomotor skills gained in the classroom setting. The student is under direct supervision of a physician or registered nurse and will participate in direct patient care. The student must complete at least 240 hours of clinical/hospital experience. The third and final component of the paramedic program is the field rotation phase. The student will apply the knowledge and skills gained in the classroom and hospital under the direct supervision of a preceptor that is currently functioning in the role of a paramedic.

The EMTP candidate will be required to complete a minimum of 480 hours of field rotation lab. Student progression in the program is contingent upon attaining a grade of "C" or better in all paramedic curricula. A "C" grade is equal to 75%. Courses must be taken in the sequence outlined.

Special Admission Procedures

Admission to the paramedic program certificate of achievement is limited and requires special procedures. The paramedic office will maintain an interest list for the program and will notify applicants of the testing dates. Completed applications will be accepted by the paramedic office **ONLY WITH VERIFICATION OF THE FOLLOWING.**

1. Current American Heart Association health care provider CPR or Red Cross professional rescuer CPR card
2. Current Nevada State EMT-Basic or EMT Intermediate Certification

Students must complete the following criteria prior to being considered for admission to the paramedic program.

1. Achieve a minimum average score of 75% or higher on the written EMT-Basic examination.
2. Achieve a minimum average score of 75% or higher on each component of the comprehensive exam (math, English, science, reading comprehension and EMT Basic A&P).

Students offered admission to the paramedic program will be selected based upon their scores from the testing process. The scores of all applicants will be ranked numerically, and the class (which is limited to a maximum of 24) will be selected from this list beginning with the highest score.

Students admitted to the paramedic program will be notified by the paramedic office. The admitted student must complete the following requirements prior to the start of classes.

1. Satisfy all general college admission criteria.
2. Pass a physical DOT examination.
3. Provide evidence of current measles, mumps and rubella immunizations or appropriate titer levels.
4. Provide evidence of current diphtheria-tetanus (DT) immunization.
5. Provide evidence of completed Hepatitis B immunization; and of a negative TB skin test or negative chest X-ray.
6. Provide evidence of major medical health coverage.
7. Be 18 years of age or older upon entrance to the program.

Failure to meet the above requirements by the deadline will result in the student's exclusion from the program.

775-789-5416



Paramedic

Certificate of Achievement

All paramedic courses are to be taken in the sequence indicated (a grade of "C" or better is required). The following courses are required for the certificate of achievement.

General Education Requirements

COMMUNICATIONS	3 CREDITS
HUMAN RELATIONS	3 CREDITS
QUANTITATIVE REASONING	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	9 CREDITS

Core Requirements

Level I (Fall)

EMS 127B	Paramedic Clinical Practice I	2
EMS 145B	Essentials of Paramedic Medicine	3
EMS 165B	Pathophysiology for Paramedics	3
EMS 168B	Electrophysiology/Electrocardiography	3
EMS 171B	Prehospital Trauma Life Support (PHTLS)	1
EMS 185B	Advanced Emergency Care	3
EMTP 106B	Patient Assessment	2

TOTAL LEVEL I REQUIREMENTS 21 CREDITS

Level II (Spring)

EMS 166B	Paramedic Technology	4
EMS 167B	Paramedic Clinical Practice II	2
EMS 169B	Advanced Cardiac Life Support	1
EMS 172B	Vehicle Extrication for Paramedics	3
EMS 176B	Pediatrics for Paramedics	4
EMS 202B	Advanced ECG Interpretation	2
EMS 220B	Advanced Paramedic Skills	2
EMTP 122B	Pediatric Advanced Life Support	1
EMTP 126B	Paramedic Field Rotation I	5

TOTAL LEVEL II REQUIREMENTS 27 CREDITS

Summer

EMS 173B	Paramedic Field Internship	3
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TOTAL SUMMER REQUIREMENTS 3 CREDITS

TOTAL DEGREE REQUIREMENTS 62 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Personal Trainer - Preparation for Certification

Workforce Development and Continuing Education

Course Requirements

Choose one of the following sets:

BIOL 141B Human Structure and Function I *and* (4)

BIOL 142B Human Structure and Function II (4)

or

BIOL 223 Human Anatomy and Physiology I *and* (4)

BIOL 224 Human Anatomy and Physiology II (4)

EMS 101B CPR and First Aid 1

MGT 103 Small Business Management 3

or

MASG 215C Business and Marketing for Professionals (3)
Spring semester only.

NUTR 121 Human Nutrition 3

PT 100C Personal Training Introduction 3

Fall semester only.

PEX 174 Fitness Principles and Practices 2

MASG 205C Kinesiology 3
Prerequisite: BIOL 141 or 223.

PT 205C Fitness Analysis and Application 3

Spring semester only.

Prerequisite/corequisite: BIOL 142B or BIOL 224 and PEX 174.

PT *** Test Review and Preparation *

Prerequisite: all courses must be completed prior to taking this course. You may take the internship at the same time as this course.

PT 250C Internship 1

Prerequisite: all courses must be completed prior to taking the 60 hour internship.

TOTAL COURSE REQUIREMENTS 27 CREDITS

Elective Requirements

PEX 183 Weight Training 1

PEX 199 Special Topics (Circuit Training) 1

Additional PT and/or PEX credits 3

TOTAL ELECTIVE REQUIREMENTS 5 CREDITS

Please note: the personal trainer courses do not lead to TMCC associate of arts, associate of science or associate of applied science degrees or certificates of achievement. Credits earned in many WDCE "C" courses may be considered nontraditional and must be approved by the vice president for academic affairs in order to be applied to the general studies associate degree or certificate. Also "C" classes may not be counted for financial aid credit requirements.

Suggested Course Sequence

Sequence designed for a full-time student.

Course #	Title	Credits
Fall Semester		
(offered fall only) PT 100C	Personal Training Introduction	3
PEX 174	Fitness Principles and Practice	2
BIOL 141B	Human Structure and Function I	4
PEX 183	Weight Training	1
EMS 101B	CPR and First Aid	1
NUTR 121	Human Nutrition	3
Elective	Elective in PEX	1-3
Total		15-17

Course #	Title	Credits
Spring Semester		
MASG 205C	Kinesiology	3
BIOL 142B	Human Structure and Function II	4
(offered spring only) PT 205C	Fitness Analysis and Application	3
(offered spring only) MASG 215C	Business and Marketing for Professionals	3
PEX 199	Special Topics (Circuit Training)	1
Elective	Elective in PEX	1-3
Total		15-17
Summer Semester		
Elective	Elective in PEX	1-3
PT 250C	Internship	1
Total		2-4



Philosophy

Associate of Arts

General Education Requirements

DIVERSITY (3 CREDITS)
Recommended: PHIL 210

ENGLISH 6 CREDITS
Required: ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS
Choose from: ART 100, 160, 260 or 261, ENG 220 or 221, HUM 101, 102, 105 or 106, MUS 121, 225 or 226, THTR 100, 105, 180, 205, 206, 209 or 210

HUMANITIES 6 CREDITS
Recommended: CH 201 and CH 202
Choose from: CH 201, 202, HIST 208, 209, 211, 212, 225, 227, 247, HUM 211, 225, 271, 272 or ENG 223, 231, 232, 235, 236, 241, 243, 250, 252.

MATHEMATICS 3 CREDITS
Choose from: MATH 120, 126, 127, 152, 176, 181.

SCIENCE 6-8 CREDITS
Choose from ANTH 102, AST 104, ATMS 117, BIO 100, 190 and 190L, 191 and 191L, 201, 223, 224, 251, CHEM 100, 104, 220, ENV 100, GEOG 103, GEOL 100, 101, 102, NUTR 121, PHYS 100, 151, 152, 180, 181.
Course chosen must include a lab element.

SOCIAL SCIENCES 9 CREDITS
Choose from: ANTH 101, 201, 202, ECON 102, 103, GEOG 106, PSC 211, 231, PSY 101, SOC 101.

US AND NEVADA CONSTITUTIONS 3 CREDITS
Required: CH 203

TOTAL GENERAL EDUCATION REQUIREMENTS 36-38 CREDITS

Emphasis Requirements

PHIL 101	Introduction to Philosophy.....	3
PHIL 102	Critical Thinking and Reasoning.....	3
PHIL 114	Introduction to Symbolic Logic.....	3
PHIL 201	Philosophy Goes to the Movies.....	3
PHIL 224	Introduction to the Philosophy of Science.....	3
PHIL 135	Introduction to Ethics <i>or</i>	(3)
PHIL 203	Introduction to Existentialism <i>or</i>	(3)
PHIL 207	Introduction to Contemporary Philosophy <i>or</i>	(3)
PHIL 210	World Religions.....	(3)
	Additional 1-3 credits in PHIL.....	1-3
	<i>Choose from PHIL 135, 203, 210, 119, 200, 204, 207, 225, 244 or 295.</i>	
	Foreign Language.....	14
	<i>Select from foreign languages: Spanish, French, German or American Sign Language and complete 14 credits in one language (except those courses with 'B' designators), so as to obtain second year sequence proficiency.</i>	

TOTAL EMPHASIS REQUIREMENTS 33-35 CREDITS

TOTAL DEGREE REQUIREMENTS 69-73 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Physics Emphasis

Associate of Science

This is a two-year transferable program leading to an Associate of Science with an emphasis in Physics. Physics is the science of matter, energy, space and time, and physicists are generally at the forefront in developing important new technologies. Physicists are expert problem solvers and a degree in physics provides a good route into careers as diverse as industrial research, engineering and even banking and finance. All courses recommended in this emphasis will partially satisfy the Bachelor of Science in Physics at the University of Nevada, Reno.

General Education Requirements

Courses with a 'B' designator do not usually transfer toward baccalaureate degrees.

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements. Choosing from ANTH 201 or 205, EDU 203, HIST 208, 209, 211, 212, 227, or 247, PSY 276, SOC 205 or 206 will meet this requirement and also satisfy 3 credits in social science.

ENGLISH/COMMUNICATIONS 6 CREDITS

ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

See list of courses under the Associate of Science degree requirement. The following courses are highly recommended for students wishing to major in physics at UNR: ART 100, 160, 260 or 261, HUM 101, 102 or 106, MUS 121, 123 or 124, THTR 100, 105, 180, 210 or 221.

HUMANITIES 3 CREDITS

See list of courses under the Associate of Science degree requirement. CH 201 highly recommended for students wishing to major in physics at UNR.

MATHEMATICS 6 CREDITS

MATH 181 and 182. Additional credits may be used to satisfy emphasis requirement.

SCIENCE 12 CREDITS

See list of courses under the Associate of Science degree requirement. The following courses are highly recommended for students wishing to major in physics at UNR: PHYS 180/180L, PHYS 181/181L, CHEM 121 or 201.

SOCIAL SCIENCES 6 CREDITS

See list of courses under the Associate of Science degree requirements. CH 202 is

highly recommended for students wishing to major in physics at UNR. Choosing from one of the following courses will also meet the diversity requirement: ANTH 201 or 205, EDU 203, HIST 208, 209, 211, 212, 227, PSY 276, SOC 205 or 276.

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

CH 203 is highly recommended for students wishing to major in physics at UNR.

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Emphasis Requirements

CHEM 202	General Chemistry for Scientists and Engineers II.....	4
	<i>Note: CHEM 122 may be a substitute for CHEM 202.</i>	
CS 135R	Computer Science I.....	3
MATH 182	Calculus II (2 cr. from Gen. Ed.).....	2
MATH 283	Calculus III.....	4
MATH 285	Differential Equations.....	3
PHYS 182/182L	Physics for Scientists and Engineers III.....	4

TOTAL EMPHASIS REQUIREMENTS 20 CREDITS

Elective Requirements

Choose from the following:

AST 104	Introductory Astronomy: Stars and Galaxies.....	3
ATMS 117	Meteorology.....	3
CHEM 241/241L	Organic Chemistry.....	4
CS 202	Computer Science II.....	3
ME 241	Statics.....	3
PHYS 117	Introduction to Space Science and Engineering.....	3

TOTAL ELECTIVE REQUIREMENTS 3-4 CREDITS

TOTAL DEGREE REQUIREMENTS 62-63 CREDITS

Suggested Course Sequence

Note: to enroll in MATH 181, students must first successfully complete the MATH 126/127 sequence or place into MATH 181 via the following test scores:

ACT 28 or
SAT 630 or
ACCUPLACER College Level score 90 or higher

First Year	Course #	Title	Credits
1st Semester			
Science	CHEM 201	General Chemistry for Scientists and Engineers I	4
English	ENG 101	Composition I	3
Math	MATH 181	Calculus I	4
Science	PHYS 180/180L	Physics for Scientists and Engineers I	4
			Total 15
2nd Semester			
Emphasis	CHEM 202	General Chemistry for Scientists and Engineers II	4
English	ENG 102	Composition II	3
Math	MATH 182	Calculus II	4
Science	PHYS 181/181L	Physics for Scientists and Engineers II	4
			Total 15

Second Year	Course #	Title	Credits
3rd Semester			
Humanities	CH 201	Ancient and Medieval Cultures	3
Emphasis	MATH 283	Calculus III	4
Science	PHYS 182/182L	Physics for Scientists and Engineers III	4
Fine Arts	Elective		3
Social Science/Div.	Elective		3
			Total 17
4th Semester			
Social Science	CH 202	The Modern World	3
Constitution	CH 203	American Experiences and Constit. Change	3
Emphasis	MATH 285	Differential Equations	3
Req. Elective			3-4
Emphasis	CS 135R	Computer Science I	3
			Total 15-16
			Degree Total 62-63

Radiologic Technology Program

Special Admission Procedures

Program information

The mission of the radiologic technology program is to provide general and basic science education, combined with a sound foundation in the theory and art of radiologic technology to meet the educational goals of the students. This is evidenced by a competency-based program employing various teaching methodologies and technologies. The graduates will have the knowledge and skills necessary to take the American Registry of Radiologic Technologists examination for radiographers and become a member of the health care team. Once selected for the program, the students complete 24 months of educational experiences. Students are provided with 1,952 hours of clinical education experiences conducted in cooperation with departments of radiology in Reno, Sparks and Carson City. The program is accredited by the Joint Review Committee on Education in Radiologic Technology.

Please note: Graduates from TMCC's radiologic technology program are eligible to apply for and take the American Registry of Radiologic Technologists (ARRT) Examination for Radiographers. However, the ARRT is the only organization granting permission to take the examination. Persons with prior felony or misdemeanor convictions may be admitted to the program but may be prohibited by the ARRT from taking the examination. The ARRT will conduct a pre-application review to determine the impact of a conviction on eligibility. Pre-application Review Forms may be requested from the Department of Regulatory Services at the ARRT office, 800-632-9055.

Admission to the Radiologic Technology Program

The radiologic technology program begins each fall semester. Admission to the radiologic technology program is limited and requires specific admission procedures. Students are selected by means of a formal program application and the calculation of assigned points. Applicants must be at least 17 years old.

Program application process

Obtain a program application by completing the following:

1. Submit an application for admission to the college.
2. Have completed the following courses with a grade of "C" or better.

MATH 105B, Math for Radiologic Technicians (or MATH 120 or higher)

ENG 101, Composition I

The following must have been completed in the past five years:

RT 100B, Introduction to Radiologic Technology

BIOL 223, Anatomy and Physiology I and

BIOL 224, Anatomy and Physiology II

or

BIOL 141B Human Structure and Function I and

BIOL 142B Human Structure and Function II

NURS 130B, Nursing Assistant

- a) State Board of Nursing Certificate (CNA), preferred but not required.
- b) Current CNA exempt from five-year course limit.
- c) Acceptable alternative documentation:
 - i. completion of EMT intermediate level or higher course.
 - ii. current certification of EMT intermediate or higher.

LTE 110B, Techniques of Venipuncture

- a) Acceptable alternative documentation:
 - i. completion of EMT intermediate level or higher course.
 - ii. current certification as EMT intermediate or higher.

Note: Equivalent courses from other accredited colleges are acceptable, but must be approved by TMCC. These courses must be documented through official transcripts on file with TMCC's admissions and records office before an application can be given to the student.

3. Submit official transcripts of all previous college education to admissions and records.
4. Have a minimum grade point average of 2.7. All previous college courses will be used in the computation of the GPA. Exceptions may be made by the dean of health science and safety where there are extenuating circumstances and the academic work is five or more years old.
5. Submit an official transcript showing proof of high school graduation or official results of high school equivalency.
6. Present a photo ID to the admissions and records office to obtain a radiologic technology program application form.

Submit the completed application to the admissions and records office before June 1 of the year you wish to enter the program. Applications received after the deadline will be considered on a space available basis.

Selection to the radiologic technology program will be based on information obtained from the admission requirements and the number of points the applicant receives. Eligible students will be numerically ranked, according to total points. Points will be awarded for a previously completed degree, residency status, specific health occupations and completion of specific general education degree requirements. Admission will be offered to the applicants on the list with the highest priority points. In the event of applicants having an equal number of points, the students' GPAs (in all coursework applying toward an associate of applied science degree in radiologic technology) will be used to rank the tied group. If the GPA does not resolve the tie, lots will be drawn to decide selection. Selection to the radiologic technology program is done on a yearly basis. Applicants not selected must reapply for consideration.

Students selected for admission must provide copies of the following information to the health sciences office prior to the first day of class.

1. Evidence of current medical insurance coverage.
2. Evidence of a negative two-step TB skin test or negative chest X-ray done within 12 months.
3. Evidence of required immunization status for Hepatitis B, DT, MMR and Varicella.
4. Evidence of a current Health Care Provider CPR card.
5. Physical assessment form signed by a medical doctor.

Student progression in the program is contingent upon obtaining and maintaining a grade of "C" (75%) or better in all radiologic technology courses. The radiologic technology courses (those with the RT prefix) must be taken in the sequence outlined in the radiologic technology core curriculum. General education degree requirements may be taken as outlined in the curriculum or prior to admission into the program. Since classes may be scheduled during both day and evening hours, the faculty recommends completion of as many general education degree requirements as possible prior to admission into the program.

Radiologic Technology Program

Special Admission Procedures, cont.

Terminal Outcomes (Competencies)

The radiologic technology program graduate should be able to do the following:

1. Use oral and written medical communication.
2. Demonstrate knowledge of human structure, function and pathology.
3. Anticipate and provide basic patient care and comfort.
4. Apply principles of body mechanics.
5. Perform basic mathematical functions.
6. Operate radiographic imaging equipment and accessory devices.
7. Position the patient and imaging system to perform radiographic examinations and procedures.
8. Modify standard procedures to accommodate patient conditions and other variables.
9. Process radiographs.
10. Determine exposure factors to obtain diagnostic quality radiographs with minimum radiation exposure.
11. Adapt exposure factors for various patient conditions, equipment, accessories and contrast media to maintain appropriate radiographic quality.
12. Practice radiation protection for the patient, self and others.
13. Recognize emergency patient conditions and initiate first aid and basic life-support procedures.
14. Evaluate radiographic images for appropriate positioning and image quality.
15. Evaluate the performance of radiographic systems, know the safe limits of equipment operation and report malfunctions to the appropriate authority.
16. Demonstrate knowledge and skills relating to quality assurance.
17. Exercise independent judgement and discretion in the technical performance of medical imaging procedures.

For students desiring a career as a radiologic technologist, the following requirements are considered essential to be able to function in the role of a radiologic technologist.

1. Ability to sit, stand, bend, squat, twist, walk, lift and to reach for extended periods.
2. Ability to grasp and perform fine manipulations.
3. Ability to carry and push heavy, sometimes cumbersome, objects.
4. Be free from conditions which put other humans at risk or harm.
5. Ability to read and write, to record and report.
6. Ability to comprehend written and oral directions and carry them out.
7. Ability to speak and understand English to adequately communicate orally and in writing.
8. Ability to perform simple mathematical functions.
9. Ability to integrate information and through critical thinking, problem solve.
10. Ability to effectively interact with the environment and other persons.
11. Ability to concentrate.
12. Ability to remember.

Advanced Standing

Advanced standing admission to the radiologic technology program is an option for specific program applicants having educational experience within a radiologic technology program. Written requests for advanced standing admission will be considered on an individual basis and must be submitted to the program coordinator. The applicant will receive a written response to the request following a thorough evaluation of pertinent information. Contact the program coordinator at 775-673-7121 for more information.

Radiologic Technology

Associate of Applied Science

General education degree requirements may be taken prior to admission to the program. See special admission requirements.

Prerequisites

(a grade of "C" or better required)

BIOL 223	Human Anatomy and Physiology I <i>and</i>	(4)
BIOL 224	Human Anatomy and Physiology II	(4)
or		
BIOL 141B	Human Structure and Function I <i>and</i>	(4)
BIOL 142B	Human Structure and Function II	(4)
ENG 101	Composition I	3
MATH 105B	Math for Radiologic Technicians	3
	<i>Or MATH 120 or higher.</i>	
NURS 130B	Nursing Assistant	6
LTE 110	Techniques of Venipuncture	4
RAD 090B	Exploration of Radiology	0.5

TOTAL PREREQUISITE REQUIREMENTS 24.5 CREDITS

Core Requirements

Includes general education requirements. All courses must be taken prior to or in the sequence listed. A grade of "C" or better required.

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

Semester I (Fall)

IS 101	Introduction to Information Systems	3
RAD 103B	Medical Ethics	1
RAD 110B	Fundamentals of Clinical Radiography I	1
RAD 112B	Patient Care and Medical Terminology	2
RAD 116B	Radiography I	3
RAD 118B	Radiology Physics and Circuitry	3

TOTAL SEMESTER I REQUIREMENTS 13 CREDITS

Semester II (Spring)

PSC 103	Principles American Constitutional Govt. (or equivalent) ...	3
RAD 124B	Radiographic Photo and Techniques	3
RAD 125B	Clinical Radiography I	2
RAD 126B	Radiography II	3
RAD 128B	Imaging Equipment	3

TOTAL SEMESTER II REQUIREMENTS 14 CREDITS

Semester III (Summer)

RAD 220B	Clinical Radiography II	3
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TOTAL SEMESTER III REQUIREMENTS 3 CREDITS

Semester IV (Fall)

RAD 230B	Clinical Radiography III	3
RAD 236B	Radiographic Contrast—Routine Exams	2
RAD 238B	Radiation Safety and Protection	2
	Social Sciences/Humanities	3

TOTAL SEMESTER IV REQUIREMENTS 10 CREDITS

Semester V (Spring)

RAD 242B	Radiography Quality Management	1
RAD 244B	Diagnostic and Therapeutic Radiation	2
RAD 245B	Clinical Radiography IV	3
RAD 247B	Radiography Quality Control	1
	English/Communications	3
	Human Relations	3

TOTAL SEMESTER V REQUIREMENTS 13 CREDITS

Semester VI (Summer)

RAD 250B	Clinical Radiography V	3
RAD 259B	Seminar in Radiography	2

TOTAL SEMESTER VI REQUIREMENTS 5 CREDITS

TOTAL DEGREE REQUIREMENTS 82.5 CREDITS

The ratio used to determine credit for the clinical radiology courses in the radiologic technology program is different from the ratio used for didactic courses.

RAD 110B Fund. of Clinical Radio. I—132 hours	RAD 230B Clinical Radio. III—384 hours
RAD 125B Clinical Radio. I—256 hours	RAD 245B Clinical Radio. IV—384 hours
RAD 220B Clinical Radio. II—400 hours	RAD 250B Clinical Radio. V—396 hours

Suggested Course Sequence

Course #	Title	Credits
1st Semester (Fall)		
IS 101	Introduction to Information Systems	3
RAD 103B	Medical Ethics	1
RAD 110B	Fundamentals of Clinical Radiography I	1
RAD 112B	Patient Care and Medical Terminology	2
RAD 116B	Radiography I	3
RAD 118B	Radiology Physics and Circuitry	3
		Total 13
2nd Semester (Spring)		
PSC 103	Principles of American Constitutional Govt.	3
RAD 124B	Radiographic Photo and Techniques	3
RAD 125B	Clinical Radiography I	2
RAD 126B	Radiography II	3
RAD 128B	Imaging Equipment	3
		Total 14
3rd Semester (Summer)		
RAD 220B	Clinical Radiography II	3
		Total 3

Course #	Title	Credits
4th Semester (Fall)		
RAD 230B	Clinical Radiography III	3
RAD 236B	Radiographic Contrast—Routine Exams	2
RAD 238B	Radiation Safety and Protection	2
Social Science/Hum.		3
		Total 10
5th Semester (Spring)		
RAD 242B	Radiography Quality Management	1
RAD 244B	Diagnostic and Therapeutic Radiation	2
RAD 245B	Clinical Radiography IV	3
RAD 247B	Radiography Quality Control	1
English/Com.		3
Human Relations		3
		Total 13
6th Semester (Summer)		
RAD 250B	Clinical Radiography V	3
RAD 259B	Seminar in Radiography	2
		Total 5
		(includes 24.5 prerequisite credits) Degree Total 82.5

Transfer Degree

Associate of Arts

The associate of arts degree is primarily for the student who plans to transfer with junior standing to a four-year college or university for a baccalaureate degree. Though completion of the associate of arts degree is the primary basis for admission to upper-division study with full junior status, completion of the degree guarantees satisfaction of university lower-division requirements at UNR and UNLV.

General Education Requirements

Courses with the "B," "C," or "D" designator or numbered less than 100 are not accepted to meet the degree requirements.

DIVERSITY _____ **(3 CREDITS)**

Refer to the "Diversity" section of the general education description of this course catalog for a list of approved courses. Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH _____ **6 CREDITS**

Required: ENG 101 AND 102 OR ENG 113 AND 114

FINE ARTS _____ **3 CREDITS**

HUMANITIES _____ **6 CREDITS**

MATHEMATICS _____ **3 CREDITS**

SCIENCE _____ **3 CREDITS**

SOCIAL SCIENCES _____ **9 CREDITS**

U.S. AND NEVADA CONSTITUTIONS _____ **3 CREDITS**

TOTAL GENERAL EDUCATION REQUIREMENTS _____ **33 CREDITS**

Elective Requirements

TOTAL ELECTIVE REQUIREMENTS _____ **27 CREDITS**

Any approved university transfer course will fulfill the elective course requirements. Courses with a "B," "C," or "D" designator, or numbered less than 100 are not applicable.

TOTAL DEGREE REQUIREMENTS _____ **60 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Transfer Degree

Associate of Science

General Education Requirements

DIVERSITY (3 CREDITS)

Refer to the 'Diversity' section of the general education description of this course catalog for a list of approved courses. (See page B-6) Designated diversity courses can be used to fulfill other general education or major requirements.

ENGLISH 6 CREDITS

Required: ENG 101 and 102 or ENG 113 and 114

FINE ARTS 3 CREDITS

HUMANITIES 3 CREDITS

MATHEMATICS 6 CREDITS

SCIENCE 12 CREDITS

SOCIAL SCIENCES 6 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 39 CREDITS

Elective Requirements

Electives 21

Any approved university transfer course will fulfill the elective course requirements. Courses with a "B," "C" or "D" designator, or numbered less than 100, are not applicable.

TOTAL ELECTIVE REQUIREMENTS 21 CREDITS

TOTAL DEGREE REQUIREMENTS 60 CREDITS

Note: If you know your major, print a transfer guide online at www.tncc.edu/counseling. Major requirements will satisfy elective credits. A maximum of 64 semester credits can be accepted by Nevada universities from two-year colleges.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Transportation Technologies

TMCC offers a two-year transportation technologies associate of applied science degree with an emphasis in automotive technology and one-year certificates of achievement for automotive repair technicians of every level, from the general auto maintenance worker to ASE® certified master technicians. As a NATEF certified program, we offer courses that prepare you for high-wage careers at new car dealerships across the region as well as training for current technicians seeking to upgrade for the new emerging technologies. Designed with the input and support of local industry experts, the TMCC diesel program complies with national certification standards. The one-year certificate of achievement prepares general maintenance technicians for entry-level work, while the associate of applied science degree with an emphasis in diesel technology provides the training necessary to professionally repair both over-the-road and heavy equipment from a variety of vendors.

The following program options are available:

Associate of Applied Science in Transportation Technologies
Automotive Certified Technician Emphasis
Diesel Technician Emphasis

Certificate of Achievement
Automotive ASE Technician Certificate of Achievement
Automotive General Service Technician
Diesel General Service Technician

Emphasis Requirements:

Automotive Certified Technician Emphasis 44 Credits
Diesel Technician Emphasis 41 Credits

TOTAL EMPHASIS REQUIREMENTS _____ **41-44 CREDITS**



Automotive Certified Technician Emphasis

Associate of Applied Science

Certified by the National Automotive Technicians Education Foundation (NATEF), the TMCC Automotive program prepares graduates for highly-skilled apprentice positions as service, repair, and maintenance technicians. The Automotive Certified Technician emphasis meets the Automotive Service Excellence (ASE) standards necessary for a career in repair shops in new car dealerships or independent businesses. The program emphasizes skills in diagnosis, troubleshooting, repair, and maintenance of passenger vehicles and light duty trucks.

General Education Requirements

DIVERSITY	(3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.	
COMMUNICATIONS	3 CREDITS
ENGLISH	3 CREDITS
Strongly recommended: ENG 107	
HUMAN RELATIONS	3 CREDITS
Strongly recommended: CE 195B	
QUANTITATIVE REASONING	3 CREDITS
MATH 108B or higher	
SCIENCE	6 CREDITS
Strongly recommended: PHYS 103 and ENV 100	
SOCIAL SCIENCES/HUMANITIES	3 CREDITS
U.S. AND NEVADA CONSTITUTIONS	3 CREDITS
TOTAL GENERAL EDUCATION REQUIREMENTS	24 CREDITS

Core Requirements

AIT 110B	General Industrial Safety.....	1
AUTO 101B	General Auto.....	4
AUTO 111B	Automotive Electricity.....	4
DT 211B	Light Duty Performance [DTEC 211B].....	2
TOTAL CORE REQUIREMENTS		11 CREDITS

Emphasis Requirements

AUTO 112B	Automotive Electricity II.....	4
AUTO 136B	Engine Repair.....	5
AUTO 145B	Automotive Brakes.....	5
AUTO 150B	Steering and Suspension Systems.....	5
AUTO 225B	Engine Performance I.....	4
AUTO 227B	Engine Performance II.....	4
AUTO 265B	Electrical/Electronic Systems III.....	4

Choose from one of the following tracks

Track 1—Engine Performance

AUTO 165B	Auto Heating and Air Conditioning.....	5
AUTO 235B	Engine Performance III.....	4

Track 2—Drive Trains

AUTO 205B	Manual Drive Trains and Axles.....	4
AUTO 216B	Automatic Transmissions.....	5

TOTAL EMPHASIS REQUIREMENTS 40 CREDITS

TOTAL DEGREE REQUIREMENTS 75 CREDITS



Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Diesel Technician Emphasis

Associate of Applied Science

The Diesel Technician program trains individuals for apprentice level positions servicing, repairing, and maintaining heavy equipment and over the road long-haul vehicles. The program emphasizes principles of operation, diagnosis, and service procedures. Using the latest technology in diagnosis and repair equipment, this comprehensive training prepares graduates with skills that are in high demand in the diesel repair industry.

General Education Requirements

DIVERSITY (3 CREDITS) See the diversity section of the general education descriptions for a complete list of courses.	
COMMUNICATIONS 3 CREDITS	
ENGLISH 3 CREDITS Strongly recommended: ENG 107	
HUMAN RELATIONS 3 CREDITS Strongly recommended: CE 195B	
QUANTITATIVE REASONING 3 CREDITS Recommended: MATH 108B or higher	
SCIENCE 6 CREDITS Strongly recommended: PHYS 103 and ENV 100	
SOCIAL SCIENCES/HUMANITIES 3 CREDITS	
U.S. AND NEVADA CONSTITUTIONS 3 CREDITS	
TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS	

Core Requirements

AIT 110B	General Industrial Safety.....	1
AUTO 111B	Automotive Electricity	4
DT 211B	Light Duty Performance [DTEC 211B].....	2

TOTAL CORE REQUIREMENTS 7 CREDITS

Emphasis Requirements

AUTO 165B	Auto Heating and Air Conditioning	5
DT 101B	Basic Diesel Engines	4
DT 106B	Heavy Duty Transmissions and Power Trains.....	5
DT 107B	Heavy Duty Drive Trains.....	5
DT 110B	Heavy Duty Electrical Systems.....	3
DT 130B	Heavy Duty Hydraulics	2
DT 201B	Diesel Brakes and Pneumatics.....	3
DT 210B	Advanced Diesel Engines.....	4
DT 217B	Electronic Fuel Injection II	3
DT 235B	Steering and Suspension.....	2
DT 250B	Preventative Maintenance	2
IMT 208B	Hydraulics	3

TOTAL EMPHASIS REQUIREMENTS 41 CREDITS

TOTAL DEGREE REQUIREMENTS 72 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Automotive ASE Technician

Certificate of Achievement

The Automotive ASE Technician Certificate of Achievement is a three semester program for individuals who would like to enter the automotive repair industry with the core skills established by the Automotive Service Excellence certification. The successful student will become a qualified entry level technician with strong basic skills using the latest technology and repair equipment.

General Education Requirements

COMMUNICATIONS _____ 3 CREDITS

HUMAN RELATIONS _____ 3 CREDITS
Strongly recommended: CE 195B

QUANTITATIVE REASONING _____ 3 CREDITS
MATH 108B or higher

TOTAL GENERAL EDUCATION REQUIREMENTS _____ **9 CREDITS**

Automotive ASE Technician Core Requirements

AIT 110B	General Industrial Safety.....	1
AUTO 101B	General Auto.....	4
AUTO 111B	Automotive Electricity.....	4
AUTO 112B	Automotive Electricity II.....	4
AUTO 136B	Engine Repair.....	5
AUTO 145B	Automotive Brakes.....	5
AUTO 150B	Steering and Suspension Systems.....	5
AUTO 225B	Engine Performance I.....	4
AUTO 227B	Engine Performance II.....	4
AUTO 265B	Electrical/Electronic Systems III.....	4

TOTAL CORE REQUIREMENTS _____ **40 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS _____ **49 CREDITS**



Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Automotive General Service Technician

Certificate of Achievement

The Automotive General Service Technician Certificate of Achievement trains individuals in basic automotive repair and maintenance. Graduates of the program will be well qualified for entry level automotive maintenance and parts store positions. Successful students complete the core areas of ASE training. All General Service training may be applied toward other automotive certificate and degree programs.

General Education Requirements

COMMUNICATIONS _____ 3 CREDITS
BUS 107 or COM 113

HUMAN RELATIONS _____ 3 CREDITS
Strongly recommended: CE 195B

QUANTITATIVE REASONING _____ 3 CREDITS
MATH 108B or higher

TOTAL GENERAL EDUCATION REQUIREMENTS _____ **9 CREDITS**

Automotive General Service Technician Core Requirements

AIT 110B	General Industrial Safety.....	1
AUTO 101B	General Auto.....	4
AUTO 111B	Automotive Electricity.....	4
AUTO 112B	Automotive Electricity II.....	4
AUTO 136B	Engine Repair.....	5
AUTO 145B	Automotive Brakes.....	5
AUTO 150B	Steering and Suspension Systems.....	5

TOTAL CORE REQUIREMENTS _____ **28 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS _____ **37 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.



Diesel General Service Technician

Certificate of Achievement

The Diesel General Technician Certificate program is a one year, two semester training program for the student that would like to enter the heavy equipment/over the road repair field with skills in basic maintenance. All General Service training may be applied toward other diesel degree programs.

General Education Requirements

COMMUNICATIONS _____ 3 CREDITS
BUS 107 or COM 113

HUMAN RELATIONS _____ 3 CREDITS
Recommended: CE 195B

QUANTITATIVE REASONING _____ 3 CREDITS
MATH 108B or higher

TOTAL GENERAL EDUCATION REQUIREMENTS _____ **9 CREDITS**

Core Requirements

AIT 110B General Industrial Safety..... 1
AUTO 111B Automotive Electricity..... 4
DT 211B Light Duty Performance..... 2

TOTAL CORE REQUIREMENTS _____ **7 CREDITS**

Diesel General Service Technician

Emphasis Requirements

DT 101B Basic Diesel Engines 4
DT 201B Diesel Brakes and Pneumatics..... 3
DT 210B Advanced Diesel Engines..... 4
DT 235B Steering and Suspension..... 2
DT 250B Preventative Maintenance 2

TOTAL EMPHASIS REQUIREMENTS _____ **15 CREDITS**

TOTAL CERTIFICATE REQUIREMENTS _____ **31 CREDITS**

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.

Truck Driving

Workforce Development and Continuing Education

Commercial Licensure State Licensure— Preparation Classes

This series of courses is designed to prepare students to obtain the Commercial Driver's License (CDL) permit, to learn the pre-trip inspection, to master driver maneuvers and to skillfully perform over-the-road driving skills. The curriculum follows the guidelines set by the Nevada Department of Motor Vehicles and upon successful completion of the classes the student will be prepared to take the state licensure practical and written exams.

Application to the truck driving program must be made to the WDCE office at Meadowood Center, room S216.

Commercial Driver's License (CDL)

Qualifications:

1. 18 to 20 years of age to be granted a CDL to operate a commercial motor vehicle for intrastate commerce
2. 21 years of age to be granted a CDL to operate a commercial motor vehicle for interstate commerce
3. Pass medical exam
4. Pass driving record check
5. Pass drug test

Program Course Requirements

DRV 101B	CDL Permit Preparation.....	45/3 (hours/credits)
DRV 110B	Driver Resource Management.....	30/2 (hours/credits)
DRV 120B	Pre-Trip Inspection.....	40/2 (hours/credits)
DRV 130B	Driver Maneuvers.....	40/2 (hours/credits)
DRV 140B	Over-The-Road Driving Skills.....	75/3 (hours/credits)

TOTAL EMPHASIS REQUIREMENTS 230*/12 (HOURS/CREDITS)

*Classes are competency based, it is understood that students may take more or less than the assigned hours per class. Students must attend approximately 8.5 hours per day, 5 days a week for approximately 5.5 weeks.

Please note: these classes do not lead to TMCC associate of arts, associate of science or associate of applied science degrees or certificate of achievement, but these classes may apply toward a general studies degree or certificate.

Program costs:

Per credit fee, check the current class schedule

Lab fees are approximately \$1240, check the current class schedule

Additional fees are optional. You may choose your CDL licensure testing site—the school site is \$250 paid directly to the trucking school.

Suggested Course Sequence

Register for all 5 classes, 12 credits, at the same time.

First Year	Course #	Title	Credits
		1st Semester	
	DRV 101B	CDL Permit Preparation	45/3
	DRV 110B	Driver Resource Management	30/2
	DRV 120B	Pre-Trip Inspection	40/2
	DRV 130B	Driver Maneuvers	40/2
	DRV 140B	Over-the-Road Driving Skills	75/3
		Total (hours/credits)	230/12



Veterinary Technician Program

Program Information

The TMCC associate degree in veterinary technician program prepares the student to practice as a licensed veterinary technician. Graduates may practice as a licensed technician in general or specialty private veterinary practices, universities, research facilities, pharmaceutical companies, zoos, or other areas where veterinary technicians' skills are needed. The TMCC veterinary technician program meets all of the minimum degree requirements for the associate of applied science degree. The associate in applied science in veterinary technology will be awarded upon completion of all general education and core requirements. Upon completion of the curriculum the student will be eligible to apply to take the Veterinary Technician National Exam (VTNE) leading to licensure as a licensed veterinary technician. Students may also need to apply for individual state exams depending on the state in which they choose to work. The TMCC Veterinary Technician Program is accredited by the American Veterinary Medical Association.

Special Admissions Procedures

The following requirements **MUST** be fulfilled by March 1 of the year in which you are applying for consideration for selection to the veterinary technician program.

1. Must be an admitted student at TMCC. If not previously admitted as a student at TMCC, you must submit an application for admission to the college.
2. Must have completed Biology 190 and Biology 201, or be currently enrolled, and you must complete each class with a grade of "C" or better. An equivalent course from another college is acceptable upon evaluation of the veterinary technician program coordinator. The admissions and records office must receive an official copy of your transcript containing the course and grade.
3. Submit veterinary technician program application and all required paperwork to the admissions and records office.
4. Submit official transcripts of all previous college education
5. Submit official transcripts of all college education in progress for the current semester if not at TMCC.

The following must be fulfilled by June 1 of the year in which you are applying for consideration for selection to the veterinary technician program.

1. Submit official transcripts of all college course work completed to date. If spring semester course work has not been posted to your transcript, a letter from the college's registrar documenting course work completed and final grade(s) must be provided to admissions and records office.
2. Must have a cumulative grade point average of 2.0 or better on a 4.0 system in all course work applying toward an associate of applied science with an emphasis in veterinary technology.

Admission to the veterinary technician program will be based on completion of the special admissions procedures and the number of points an applicant receives. Eligible students will be numerically ranked, according to total points. In the event of applicants having an equal number of points, the students' GPAs (in all course work applying toward an associate of applied science degree with an emphasis in veterinary technology) will be used to rank the tied group. In the event of a further tie, individual interviews will be conducted to rank the tied group. From this ranked list, the fall class will be selected. Admission will be offered to the applicants on the list with the highest priority points. Selection to the veterinary technician program is done on a yearly basis. Applicants not selected will not be carried forward to the next year and must reapply for consideration.

An accepted student must submit to the veterinary technician department the following information on or before the first day of class.

1. Evidence of current medical insurance
2. Evidence of required immunization status for Hepatitis B, DT, and MMR
3. Evidence of a High School diploma or GED

Student's progression in the veterinary technician program is contingent upon attaining and maintaining a grade of "C" or better in the veterinary curriculum. Veterinary technician courses are to be taken in the sequence outlined in the college catalog. General education support courses may be taken as outlined or prior to acceptance into the program. Because clinical experiences and/or theory course may be scheduled during both day and evening hours, it is suggested that as many general education classes as possible be taken prior to acceptance into the program.

Veterinary technician students who are unable to progress from one course to another may apply for re-entry within one year of exiting the program. All re-entry admissions are on a space available basis. Re-entry is not guaranteed. Upon the student's re-admission, the committee will outline the necessary course work. If a student fails to succeed in more than one course the student must repeat the entire program.

Veterinary technician graduates are eligible to apply for licensure in the state of their choice. Each state has specific criteria for licensure eligibility. It is the student's responsibility to contact the state to ascertain eligibility requirements. Graduation from an AVMA accredited program is only one of the requirements and does not mean automatic licensure as a veterinary technician.

Veterinary Technology

Associate of Applied Science

Career Choices

This program prepares the student to practice as a licensed veterinary technician. Graduates may practice as technicians in general or specialty private practices, veterinary teaching hospitals, research facilities, pharmaceutical companies or other agencies where veterinary technicians' skills are needed. Veterinary technicians may choose to specialize in areas including but not limited to anesthesia, critical care, behavior, ophthalmology, dentistry and surgery.

The following prerequisites must be completed prior to admission into the program. Both courses will also satisfy the general education science requirement.

BIOL 190	Introduction to Cell and Molecular Biology w/lab	4
BIOL 201	General Zoology	4

TOTAL PREREQUISITE REQUIREMENTS 8 CREDITS

General Education Requirements

DIVERSITY (3 CREDITS)
See the diversity section of the general education descriptions for a complete list of courses.

ENGLISH/COMMUNICATIONS 6 CREDITS
Choose from ENG 101 and 102 or ENG 107 and 108

HUMAN RELATIONS 3 CREDITS

MATHEMATICS 3 CREDITS
MATH 120 or higher

SCIENCE 6 CREDITS
Prerequisites for the program meet the general education science requirement.

SOCIAL SCIENCES/HUMANITIES 3 CREDITS

U.S. AND NEVADA CONSTITUTIONS 3 CREDITS

TOTAL GENERAL EDUCATION REQUIREMENTS 24 CREDITS

Core Requirements

VETT 101B	Introduction to Animal Health Technology	4
VETT 105B	Veterinary Medical Terminology	1
VETT 110B	Comparative Animal Anatomy and Physiology I	4
VETT 125B	Veterinary Office Procedures	1
VETT 211B	Animal Nutrition	2
VETT128B	Animal Nursing	4
VETT203B	Clinical Pathology/General Pathology	4
VETT 209B	Parasitology	2
VETT205B	Veterinary Diagnostic Imaging	2
VETT225B	Pharmacology/Toxicology	2
VETT235B	Anesthesia, Surgical Nursing and Dental Procedures	4
VETT240B	Large Animal Medicine	4
VETT266B	Directed Clinical Practice	2
VETT227B	Advance Animal Nursing	4
VETT250B	Small Animal Critical Care	3
VETT208B	Laboratory Animal Science	2
VETT267B	Advanced Clinical Practice	2


TOTAL CORE REQUIREMENTS 47 CREDITS

TOTAL DEGREE REQUIREMENTS 71 CREDITS

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.





COMMON COURSE NUMBERING CHANGES

graduate (see GRADUA

TMCC COMMON COURSE NUMBERING CHANGES

as of January 17, 2007

		LEGEND	
		CR - CREDIT CHANGE	
		NC - NUMBER CHANGE	
		PC - PREFIX CHANGE	
		TC - TITLE CHANGE	
		* , R or + - PREVIOUSLY USED NUMBER	
ACTION	OLD COURSE NUMBER	OLD COURSE NAME	NEW/CURRENT COURSE NAME
NC, TC	AAO 107	Architectural Construction (3 cr)	AAO 125 Construction Drawings and Detailing (3 cr)
NC, TC	AAO 114	Cities and Buildings of the World (3 cr)	AAO 201 History of the Built Environment (3 cr)
NC, TC	AAO 126	Fundamentals of Design Theory I (3 cr)	AAO 180 Fundamentals of Design I (3 cr)
NC, TC, CR	AAO 127	Architectural Design Applications I (2 cr)	AAO 181 Fundamentals of Design I Discussion (3 cr)
NC, TC	AAO 128	Fundamentals of Design Theory II (3 cr)	AAO 182 Fundamentals of Design II (3 cr)
NC, TC, CR	AAO 129	Architectural Design Applications II (2 cr)	AAO 183 Fundamentals of Design II Discussion (3 cr)
NC, TC	AAO 226	Fundamentals of Design Theory III (3 cr)	AAO 280 Fundamentals of Architecture Design I (3 cr)
NC, TC	AAO 228	Fundamentals of Design Theory IV (3 cr)	AAO 282 Fundamentals of Architecture Design II (3 cr)
NC, TC	AAO 236	Architectural Design and Delineation II (3 cr)	AAO 223 Graphic Software for Architects, Constructors, Designers and Planners (3 cr)
TC	ACC 180B	Payroll Accounting and Employee Rights (3 cr)	ACC 180B Payroll and Employee Benefit Accounting (3 cr)
NC, TC	ACC 290B	Internship in Accounting (1-8 cr)	ACC 295B Work Experience (1-8 cr)
NC, TC	ADT 109B	Solar Design for Architects and Designers (3 cr)	AAO 230 Design with Climate (3 cr)
NC, TC	ADT 211B	Advanced Computer-Aided Drafting and Design (3 cr)	AAO 265 Computer Applications in Architecture I (3 cr)
NC, TC	ADT 214B	Advanced Auto-CAD for Landscape (3 cr)	AAO 262 CAD for Landscape Architecture (3 cr)
NC, TC	ADT 228B	Landscape Plant Materials (3 cr)	AAO 257 Plant Materials (3 cr)
PC, NC, CR	AERO 101B	Basic Ground School for Pilots (1-6 cr)	AV 110B Basic Ground School for Pilots (6 cr)
CR, TC	ART 108	Design Fundamentals / Color Theory (2 cr)	ART 108 Design Fundamentals II (3 cr)
NC	ART 115	Art Appreciation (3 cr)	ART 160 Art Appreciation (3 cr)
NC, TC	ART 116	Survey Art of Western Civ I (3 cr)	ART 260* Survey of Art History I (3 cr)
NC, TC	ART 117	Survey Art of Western Civ II (3 cr)	ART 261* Survey of Art History II (3 cr)
NC, CR, TC	ART 121	Drawing (3-5 cr)	ART 101* Drawing I (3 cr)
NC, CR, TC	ART 135	Painting (3-5 cr)	ART 231 Painting I (3 cr)
NC, CR, TC	ART 145	Water Color Painting (3-5 cr)	ART 127 Water Color I (3 cr)
NC, CR, TC	ART 150	Beginning Photography (3-5 cr)	ART 135* Photography I (3 cr)
NC, CR, TC	ART 163	Sculpture (3-5 cr)	ART 216 Sculpture I (3 cr)
NC, CR, TC	ART 175	Ceramics (3-5 cr)	ART 211 Ceramics I (3 cr)
NC, CR, TC	ART 185	Printmaking (3-5 cr)	ART 124* Introduction to Printmaking (3 cr)
NC, TC	ART 195	Jewelry I (3 cr)	ART 106 Jewelry I (3 cr)
NC	ART 213	Introduction to Contemporary Art (3 cr)	ART 265 Introduction to Contemporary Art (3 cr)
NC, CR, TC	ART 221	Drawing (3-5 cr)	ART 102* Drawing II (3 cr)
NC, CR, TC	ART 222	Figure Drawing (3-5 cr)	ART 201 Life Drawing I (3 cr)
NC, CR, TC	ART 235*	Painting (3-5 cr)	ART 232 Painting II (3 cr)
NC, CR, TC	ART 246	Water Color Painting II (3-5 cr)	ART 227 Water Color II (3 cr)
NC, CR	ART 250	Photography II (3-5 cr)	ART 235+ Photography II (3 cr)
NC, TC	ART 260	New Media: Intro to Digital Photography (3 cr)	ART 249 New Media (3 cr)
NC, CR, TC	ART 275	Intermediate Ceramics (3-5 cr)	ART 212 Ceramics II (3 cr)
NC, CR	ART 288	Special Topics in Studio Art (3-5 cr)	ART 299* Special Topics in Studio Art (1-3 cr)
NC, CR, TC	ART 289	Special Topics in Art (3 cr)	ART 295 Special Topics in Art History (1-3 cr)
NC, CR	ART 297	Independent Study (3 cr)	ART 296 Independent Study (1-3 cr)
NC	ART 298	Introduction to Gallery Practices (3 cr)	ART 209 Introduction to Gallery Practices (3 cr)
NC, CR, TC	ART 299	The Portfolio Emphasis Photography (3-5 cr)	ART 298* Portfolio Emphasis (1-3 cr)
NC, CR, TC	AUTO 103B	Electrical Systems (3-7 cr)	AUTO 111B Automotive Electricity (4 cr)
NC, CR, TC	AUTO 121B	Automotive Brake Systems (3-7 cr)	AUTO 145B Automotive Brakes (5 cr)

ACTION	OLD NUMBER	OLD COURSE NAME	NEW/CURRENT	CURRENT/NEW COURSE NAME
NC, CR	AUTO 125B	Steering and Suspension Systems (3-7 cr)	AUTO 150B R	Steering and Suspension Systems (5 cr)
NC, CR, TC	AUTO 223B	Engine Performance (3-7 cr)	AUTO 225B R	Engine Performance I (4 cr)
NC, CR, TC	AUTO 225B	Automotive Air Conditioning (3-7 cr)	AUTO 165B	Auto Heating and Air Conditioning (5 cr)
NC, CR, TC	AUTO 226B	Auto Transmission and Transaxes (3-7 cr)	AUTO 216B	Automatic Transmission (5 cr)
NC, CR	AUTO 219B	Manual Drive Trains And Axles (3-7 cr)	AUTO 205B R	Manual Drive Trains And Axles (4 cr)
NC, CR, TC	AUTO 253B	Basic Engine Repair (3-7 cr)	AUTO 136B	Engine Repair (5 cr)
NC, CR, TC	AUTO 253B	Basic Engine Repair (3-7 cr)	AUTO 136B	Engine Repair (5 cr)
NC, TC	BIOL 123B	Anatomy for Office Personnel (3 cr)	BIOL 200	Elements of Human Anatomy and Physiology (3 cr)
CR	BIOL 190	Introduction to Cell and Molecular Biology (4 cr)	BIOL 190	Introduction to Cell and Molecular Biology (3 cr)
CR	BIOL 191	Introduction to Organismic Biology (4 cr)	BIOL 191	Introduction to Organismic Biology (3 cr)
NC, CR	BIOL 299B	Special Topics in Biology (1-4 cr)	BIOL 299	Special Topics in Biology (1-3 cr)
PC, NC, CR, TC	BTO 100B	Computerized Keyboarding (3 cr)	COT 101B	Computer Keyboarding I (1-3 cr)
PC, TC	BTO 114B	General Medical Office Procedures (3 cr)	COT 114B	General Medical Office Billing (3 cr)
PC	BTO 115B	Computerized Medical Office Billing (3 cr)	COT 115B	Computerized Medical Office Billing (3 cr)
PC, NC, CR, TC	BTO 116B	Medical Transcription (4 cr)	COT 122B	Medical Typing and Transcription (1-4 cr)
PC, NC, CR, TC	BTO 118B	Calculators and Business Applications (3 cr)	COT 110B*	Business Machines (1-3 cr)
PC, NC, CR, TC	BTO 119B	Machine Transcription (3 cr)	COT 111B	Transcribing Machines (1-3 cr)
PC, CR, TC	BTO 123B	Legal Transcription (3 cr)	COT 123B	Legal Typing and Transcription (1-3 cr)
PC, NC	BUS 151B	Small Business Financial Planning & Analysis (3 cr)	FIN 152B	Small Business Financial Planning & Analysis (3 cr)
PC, NC, TC	BUS 155B	Fundamentals of Investing (3 cr)	FIN 115	Introduction to Investments (3 cr)
PC, NC, TC	BUS 161B	Family Financial Planning (3 cr)	FIN 101	Personal Finance (3 cr)
PC, NC	BUS 162B	Retirement Planning (1-3 cr)	FIN 120B	Retirement Planning (1-3 cr)
PC, NC, CR	CEP 210	Information Technology in Teaching (2 cr)	EDU 204	Information Technology in Teaching (3 cr)
TC	CHEM 100	Elementary Concepts of Chemistry (3 cr)	CHEM 100	Molecules and Life in the Modern World (3 cr)
NC, CR	CHEM 101	General Chemistry I (5 cr)	CHEM 121	General Chemistry I (4 cr)
NC, CR	CHEM 102	General Chemistry II (5 cr)	CHEM 122	General Chemistry II (4 cr)
NC, CR	CHEM 142	Introductory Organic Chemistry (5 cr)	CHEM 220	Introductory Organic Chemistry (4 cr)
PC, NC	CI 160	Introduction to Elementary Education (3 cr)	EDU 201	Introduction to Elementary Education (3 cr)
PC, NC, TC	CI 201	Society, the Student, & the Secondary Schools (3 cr)	EDU 202	Introduction to Secondary Education (3 cr)
PC, NC, TC	CI 210	Education of the Exceptional Child (3 cr)	EDU 203	Introduction to Special Education (3 cr)
PC, NC	CI 211	Characteristics of Students with Mild/Moderate Disabilities (2 cr)	EDU 208	Characteristics of Students with Mild/Moderate Disabilities (2 cr)
PC, NC	CI 212	Exceptional Child Experience (1 cr)	EDU 209	Exceptional Child Experience (1 cr)
PC, NC	CI 260	Classroom Learning Environments (3 cr)	EDU 206	Classroom Learning Environments (3 cr)
PC, NC, TC	CIT 101	Introduction to Management Info Systems (3 cr)	IS 150	Computer Literacy (3 cr) chgd. to IS 101
NC, TC	CIT 111	PC Maintenance (3 cr)	CIT 110	A+ Hardware (3 cr)
NC, TC	CIT 112	PC Operating Systems (3 cr)	CIT 111*	A+ Software (3 cr)
PC, NC, TC	CIT 113	CCNA I (5 cr)	CSCO 120	Cisco Networking Academies I (5 cr)
PC, NC, TC	CIT 114	CCNA II (5 cr)	CSCO 121	Cisco Networking Academies II (5 cr)
PC	CIT 115	Introduction to Programming (3 cr)	IS 115	Introduction to Programming (3 cr)
NC, TC	CIT 121	Basic Programming Language I (3 cr)	CIT 132	Beginning Visual Basic (3 cr)
NC, TC	CIT 131	Introduction to Object-Oriented Programming (3 cr)	CIT 133 *	Beginning C++ (3 cr)
NC, TC	CIT 133	C Programming I (3 cr)	CIT 131*	Beginning C Programming (3 cr)
TC	CIT 151	HTML and Introductory Scripting (3 cr)	CIT 151	Beginning Web Development (3 cr)
NC, TC	CIT 152	Java Programming I (3 cr)	CIT 130	Beginning Java (3 cr)
NC	CIT 152B *	Web Script Language Programming (3 cr)	CIT 152 R	Web Script Language Programming (3 cr)
TC	CIT 153	Programming in Perl I (3 cr)	CIT 153	Beginning Perl (3 cr)
NC	CIT 161	MCSE I (3-5 cr)	CIT 211	MCSE I (3-5 cr)
NC, TC	CIT 162	MCSE II (3-5 cr)	CIT 213*	MCSE III (3-5 cr)
NC, TC	CIT 163	MCSE III (3-5 cr)	CIT 214*	MCSE IV (3-5 cr)

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ACTION	OLD NUMBER	OLD COURSE NAME	NEW/CURRENT	CURRENT/NEW COURSE NAME
NC, TC	CIT 181B	Introduction to the Enterprise Database (3 cr)	CIT 181	Introduction to Oracle (3 cr)
NC	CIT 209B	User Support Skills and Technology (3 cr)	CIT 209	User Support Skills and Technology (3 cr)
NC	CIT 210	Computer Troubleshooting for Teachers (1 cr)	CIT 200	Computer Troubleshooting for Teachers (1 cr)
PC, NC, TC	CIT 213	CCNA III (5 cr)	CSCO 220	Cisco Networking Academies III (5 cr)
PC, NC, TC	CIT 214	CCNA IV (5 cr)	CSCO 221	Cisco Networking Academies IV (5 cr)
NC, TC	CIT 222	Basic Programming Language II (3 cr)	CIT 232	Advanced Visual Basic (3 cr)
NC, TC	CIT 231	Object-Oriented Programming II (3 cr)	CIT 233*	Advanced C++ (3 cr)
NC, TC	CIT 233	C Programming II (3 cr)	CIT 231*	Advanced C Programming (3 cr)
NC, TC	CIT 250	Systems and Procedures Design (3 cr)	CIT 260	Systems Analysis and Design I (3 cr)
NC, TC	CIT 252	Java Programming II (3 cr)	CIT 230	Advanced Java (3 cr)
TC	CIT 255	Web Server Administration (3 cr)	CIT 255	Web Server Administration I (3 cr)
NC, TC	CIT 274	LAN Systems Management (5 cr)	CIT 125	Novell Network Administration (5 cr)
NC, TC	CIT 275B	Advanced LAN Administration: Novell (5 cr)	CIT 225	Novell Network Install and Design (5 cr)
NC, TC	CIT 277	Current Topics in Networking: Novell (3 cr)	CIT 227	Novell Network Elective (3 cr)
NC, TC, CR	CONS 101B	Fundamentals of Construction Technology	CONS 101	Introduction to Construction Technology (3 cr)
NC, TC, CR	CONS 104B	Basic Cost Estimating in the Construction Industry (1-4 cr)	CONS 121B R	Principles of Construction Estimating (3 cr)
NC	CONS 121B	Construction Electricity (3 cr)	CONS 130B	Construction Electricity (3 cr)
NC, TC	CONS 123B	Blueprint Reading-Construction Technology (3 cr)	CONS 120B	Blueprint Reading and Specification (3 cr)
TC, CR	CONS 205B	On-Site Construction Technician (1-8 cr)	CONS 205B	Construction Site Safety (1-3 cr)
NC, CR	CONS 210B	On-Site Construction Supervisor (1-4 cr)	CONS 155B	On-Site Construction Supervisor (3 cr)
TC, CR	CONS 211B	Construction Superintendent: Cost Awareness/Production Control (2 cr)	CONS 211B	Construction Cost Control (3 cr)
NC, CR	CONS 212B	Construction Law (2 cr)	CONS 282B	Construction Law (2-3 cr)
NC, TC	CONS 213B	Construction Superintendent: Contract Documents (2 cr)	CONS 283B	Construction Documents and Specifications (2 cr)
TC	CONS 221	Computerized Estimating (3 cr)	CONS 221	Computerized Estimating II (3 cr)
PC, NC, TC	COT 161B	Microsoft Word MOUS Certification Preparation (2 cr)	CIT 201	Word Certification Preparation (2 cr)
PC, NC, TC	COT 162B	Microsoft Excel MOUS Certification Preparation (2 cr)	CIT 202	Excel Certification Preparation (2 cr)
PC, NC, TC	COT 163B	Microsoft PowerPoint MOUS Certification Preparation (1 cr)	CIT 204	PowerPoint Certification Preparation (1 cr)
PC, NC, TC	COT 164B	Microsoft Access MOUS Certification Preparation (2 cr)	CIT 203	Access Certification Preparation (2 cr)
NC	COT 202	Introduction to Computer Applications (3 cr)	COT 202B	Introduction to Computer Applications (3 cr)
PC	COT 203	Computer Applications (3 cr)	IS 203	Computer Applications (3 cr) chgd. to IS 201
CR	CUL 100	Sanitation/HACCP (1-2 cr)	CUL 100	Sanitation/HACCP (2 cr)
NC	CUL 104B	Basic Skills Development (3 cr)	CUL 105	Basic Skills Development (3 cr)
NC	CUL 108B	Understanding Culinary Techniques II (6 cr)	CUL 108	Understanding Culinary Techniques II (6 cr)
NC	CUL 114B	Buffet Catering (3 cr)	CUL 114	Buffet Catering (3 cr)
NC, TC	CUL 118	Food Service Sanitation (1-2 cr)	CUL 100	Sanitation/HACCP (1-2 cr)
NC, TC	CUL 120B	Regional American Cuisine (3 cr)	CUL 210	American Regional Cuisine (3 cr)
NC	CUL 163	Principles of Baking (3 cr)	CUL 125	Principles of Baking (3 cr)
NC	CUL 164	Advanced Baking (3 cr)	CUL 225	Advanced Baking (3 cr)
NC, TC	CUL 171B	Introduction to Pastry and Tortes (3 cr)	CUL 230*	Pastry Arts (3 cr)
NC, TC	CUL 172B	Retail Deli and Bakery Techniques (3 cr)	CUL 170	Retail Deli and Bakery (3 cr)
NC	CUL 198B	Special Topics in Culinary Arts (5-6)	CUL 198	Special Topics in Culinary Arts (5-6)
NC, TC	CUL 219	The Restaurant Experience (4 cr)	CUL 200	Aromatics/Restaurant Experience (4 cr)
NC	CUL 220B	International Cuisine (3 cr)	CUL 220	International Cuisine (3 cr)
PC, NC	CUL 224B	Beers and Wines of the World (3 cr)	FAB 224	Beers and Wines of the World (3 cr)
NC	CUL 245B	The Business Chef (3 cr)	CUL 245	The Business Chef (3 cr)
NC	CUL 273	Garde Manger (3 cr)	CUL 130	Garde Manger (3 cr)
NC, TC	CUL 274	The Saucier (3 cr)	CUL 250	Saucier (3 cr)
NC	CUL 285B	Selected Topics in Culinary Arts (1-6 cr)	CUL 195	Selected Topics in Culinary Arts (1-6 cr)
NC, TC, CR	CUL 290B	Internship in Culinary Arts (1-3 cr)	CUL 295	Work Experience in Culinary Arts (1-6 cr)

ACTION	OLD NUMBER	OLD COURSE NAME	NEW/CURRENT	CURRENT/NEW COURSE NAME
CR	DFT 100	Basic Drafting Principles (3 cr)	DFT 100	Basic Drafting Principles (3-4 cr)
PC, NC, CR	DFT 102	Technical Drafting I (3 cr)	CADD 140	Technical Drafting I (3-4 cr)
PC, NC, CR	DFT 103B	Technical Drafting II (3 cr)	CADD 141B	Technical Drafting II (3-4 cr)
NC, CR	DFT 124B	Blueprint Reading for Industry (3 cr)	DFT 110B	Blueprint Reading for Industry (3-4 cr)
TC	DFT 131	Introduction to CAD - AUTOCAD (3 cr)	DFT 131	Introduction to Computer-Aided Drafting (3 cr)
PC, NC, CR	DFT 131	Introduction to Computer-Aided Drafting (3 cr)	CADD 100	Introduction to Computer-Aided Drafting (3-4 cr)
PC, NC, CR	DFT 133	Intermediate Computer-Aided Drafting (3 cr)	CADD 105	Intermediate Computer-Aided Drafting (3-4 cr)
PC, TC, CR	DFT 198B	Special Topics in Drafting (5-6 cr)	CADD 198B	Special Topics in CADD (1-6 cr)
PC, NC, CR	DFT 203B	Technical Drafting III (3 cr)	CADD 142B	Technical Drafting III (3-4 cr)
PC, NC	DFT 225B	Independent Study (3-6 cr)	CADD 295B	Independent Study (3-6 cr)
PC, NC, CR	DFT 230	Advanced Computer-Aided Drafting (3 cr)	CADD 200	Advanced Computer-Aided Drafting (3-4 cr)
TC	DFT 231	CAD Project (3 cr)	DFT 231	CAD Drafting Project (3 cr)
PC, NC, TC, CR	DFT 231	CAD Drafting Project (3 cr)	CADD 210B	CADD Project (3-4 cr)
PC, NC, CR	DFT 232	CAD Systems Management (3 cr)	CADD 250	CAD Systems Management (3-4 cr)
PC, NC, CR	DFT 233	Solid Modeling and Parametric Design (3 cr)	CADD 245	Solid Modeling and Parametric Design (3-4 cr)
PC, NC, CR	DFT 235	CAD Customization I (3 cr)	CADD 255	CAD Customization I (3-4 cr)
PC, NC, CR	DFT 236	CAD Customization II (3 cr)	CADD 256	CAD Customization II (3-4 cr)
PC, NC, CR, TC	DFT 290B	Internship in Drafting (1-6 cr)	CADD 290B	Internship in CADD (1-6 cr)
PC, NC, TC, CR	DFT 299B	Engineering-Drafting Program Assessment (1 cr)	CADD 299B	Capstone/Assessment (1-3 cr)
PC, NC, TC	DGM 145B	Internet Design & Publishing (3 cr)	GRC 175	Web Design & Publishing I (3 cr)
PC, NC, TC	DGM 149B	Digital Video and Animation (3 cr)	GRC 188	Web Animation and Interactivity (3 cr)
PC, NC, TC	DGM 150B	Multimedia Production (3 cr)	GRC 179	Multimedia Design and Production (3 cr)
PC, NC, TC	DGM 155B	3D Modeling (3 cr)	GRC 185	Computer Animation I (3 cr)
PC, NC, TC	DGM 245B	Advanced Internet Design & Publishing (3 cr)	GRC 275B	Web Design & Publishing II (3 cr)
PC, NC, TC	DGM 250B	Advanced Multimedia Design Studio (3 cr)	GRC 279B	Multimedia Design & Production II (3 cr)
PC, NC, TC	DGM 255B	Advanced 3D Design & Animation (3 cr)	GRC 285B	Computer Animation II (3 cr)
NC	DH 102B	Oral Biology (4 cr)	DH 102	Oral Biology (4 cr)
NC	DH 103B	Head and Neck Anatomy (2 cr)	DH 103	Head and Neck Anatomy (2 cr)
NC	DH 104B	Dental Hygiene I (3 cr)	DH 104	Dental Hygiene I (3 cr)
NC	DH 105B	Intro to Clinic (2 cr)	DH 105	Intro to Clinic (2 cr)
NC	DH 107B	Legal/Ethical Implications (1 cr)	DH 107	Legal/Ethical Implications (1 cr)
NC	DH 110B	Concepts of Oral Health (2 cr)	DH 110	Concepts of Oral Health (2 cr)
NC	DH 112B	Oral Radiology (3 cr)	DH 112	Oral Radiology (3 cr)
NC	DH 113B	General and Oral Pathology (3 cr)	DH 113	General and Oral Pathology (3 cr)
NC	DH 115B	Clinical Practice I (3 cr)	DH 115	Clinical Practice I (3 cr)
NC	DH 117B	Periodontics I (2 cr)	DH 117	Periodontics I (2 cr)
NC	DH 120B	Fundamentals of Nutrition in Dentistry (3 cr)	DH 120	Fundamentals of Nutrition in Dentistry (3 cr)
NC	DH 202B	Pharmacology (2 cr)	DH 202	Pharmacology (2 cr)
NC	DH 203B	Special Patients (2 cr)	DH 203	Special Patients (2 cr)
NC	DH 205B	Clinical Practice II (5 cr)	DH 205	Clinical Practice II (5 cr)
NC	DH 207B	Periodontics II (2 cr)	DH 207	Periodontics II (2 cr)
NC	DH 208B	Community Health I (2 cr)	DH 208	Community Health I (2 cr)
NC	DH 209B	Pain & Anxiety Control (3 cr)	DH 209	Pain & Anxiety Control (3 cr)
NC	DH 211B	Dental Materials/Technique (2 cr)	DH 211	Dental Materials/Technique (2 cr)
NC	DH 215B	Clinical Practice III (5 cr)	DH 215	Clinical Practice III (5 cr)
NC	DH 216B	Principles of Dental Practice (1 cr)	DH 216	Principles of Dental Practice (1 cr)
NC	DH 217B	Periodontics III (1 cr)	DH 217	Periodontics III (1 cr)
NC	DH 218B	Community Dental Health II (2 cr)	DH 218	Community Dental Health II (2 cr)
PC, TC, CR	DTEC 101B	Basic Diesel Mechanics (1-6 cr)	DT 101B	Basic Diesel Engines (4 cr)

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ACTION	OLD NUMBER	OLD COURSE NAME	NEW/CURRENT	CURRENT/NEW COURSE NAME
PC, NC, CR	DTEC 108B	Heavy Duty Transmissions and Power Trains (1-6)	DT 106B	Heavy Duty Transmissions and Power Trains (5 cr)
PC, CR	DTEC 110B	Heavy Duty Electrical Systems (1-6 cr)	DT 110B	Heavy Duty Electrical Systems (3 cr)
PC, CR	DTEC 111B	Advanced Diesel Electricity (1-6 cr)	DT 111B	Advanced Diesel Electricity (3 cr)
PC, TC, CR	DTEC 130B	Industrial Hydraulics (1-6 cr)	DT 130B	Heavy Duty Hydraulics (2 cr)
PC	DTEC 198B	Special Topics in DTEC (5-6 cr)	DT 198B	Special Topics in Diesel Technology (5-6 cr)
PC, NC, TC, CR	DTEC 200B	Diesel Engines (1-14 cr)	DT 210B	Advanced Diesel Engines (4 cr)
PC, NC, TC, CR	DTEC 210B	Diesel Injection Trouble Shooting (1-6 cr)	DT 202B	Diesel Fuel Systems and Trouble Shooting (5 cr)
PC, CR	DTEC 211B	Light Duty Performance (1-6 cr)	DT 211B	Light Duty Performance (2 cr)
PC, NC, TC, CR	DTEC 232B	Electronic Fuel Injection/B (1-6 cr)	DT 217B	Electronic Fuel Injection II (3 cr)
PC, CR	DTEC 235B	Steering and Suspension (1-5 cr)	DT 235B	Steering and Suspension (2 cr)
PC, NC, TC, CR	DTEC 240B	Brakes (1-7 cr)	DT 201B	Diesel Brakes and Pneumatics (3 cr)
PC, NC, CR	DTEC 245B	Heavy Duty Drive Trains (1-5 cr)	DT 107B	Heavy Duty Drive Trains (5 cr)
PC, CR	DTEC 250B	Preventative Maintenance (1-6 cr)	DT 250B	Preventative Maintenance (2 cr)
PC, TC, CR	DTEC 290B	Internship in Diesel Power Technology I (2 cr)	DT 290B	Internship in Diesel Technology I (5-6 cr)
TC	ECE 126	Social and Emotional Development in Infant/Toddler (1-3 cr)	ECE 126	Social / Emotional Development for Infants / Toddlers (1-3 cr)
TC	ECE 131	Introduction to Teaching the Young Child (3 cr)	ECE 250	Introduction to Early Childhood Education (3 cr)
TC	ECE 155	Reading Readiness in the Preschool (1 cr)	ECE 155	Literacy and the Young Child (1 cr)
TC	ECE 158	Physical Education in the Preschool Curriculum (1 cr)	ECE 158	Activities for Physical Development in Young Children (1 cr)
TC	ECE 161	Social Studies in the Preschool (1 cr)	ECE 161	Social Studies in the Preschool Curriculum (1 cr)
TC, CR	ECE 231	Practicum Children and Their Families (3-8 cr)	ECE 231	Preschool Practicum: Child Development Lab (1-1.5 cr)
NC, TC	ECE 234	Preschool Curriculum (3 cr)	ECE 251	Curriculum in Early Childhood Education (3 cr)
TC	ECE 235	Curricula for Young Children with Special Needs (3 cr)	ECE 235	Adapting Curricula for Young Children with Special Needs (3 cr)
PC, NC, TC	ECON 101	Principles of Macroeconomics (3 cr)	ECON 103	Principles of Macroeconomics (3 cr)
PC, NC, TC	ECT 100B	Introduction to Refrigeration (3 cr)	AC 102B	Refrigeration Theory (3 cr)
PC, NC	ECT 101B	Basic Refrigeration Servicing (6 cr)	AC 150B	Basic Refrigeration Servicing (6 cr)
PC, NC, TC, CR	ECT 105B	Commercial Refrigeration Servicing (1-6 cr)	AC 200B	Commercial Refrigeration (6 cr)
PC, NC, TC	ECT 106B	Air Conditioning Servicing (6 cr)	AC 106B	Residential Gas Heating (6 cr)
PC, TC	ECT 198B	Special Topics in Environmental Control Technology (5-6 cr)	AC 198B	Special Topics in HVAC (5-6 cr)
PC, NC, TC, CR	ECT 200B	HVAC Systems (3 cr)	AC 205B	HVAC Control Systems (4 cr)
PC, NC	ECT 201B	Boiler Operation and Maintenance (3 cr)	AC 210B	Boiler Operation and Maintenance (3 cr)
PC, NC, TC, CR	ECT 290B	Internship in Refrigeration and Air Conditioning (1-8 cr)	AC 295B	Internship HVAC Career (5-16 cr)
PC, TC, CR	ECT 299B	Independent Study Refrigeration/Air Conditioning (1-3 cr)	AC 299B	Independent Study in HVAC (1-6 cr)
PC	EDUC 100B	Intercultural Communication (2 cr)	EPD 100B	Intercultural Communication (2 cr)
PC	EDUC 102B	International Careers (2 cr)	EPD 102B	International Careers (2 cr)
PC, NC, TC	EDUC 104B	Teaching English as a Second Language (3 cr)	EPD 271B	ESL Teaching Methods (3 cr)
PC	EDUC 105B	Teaching Basic Literacy (2 cr)	EPD 105B	Teaching Basic Literacy (2 cr)
PC	EDUC 110B	Community College Teaching-Learning (2 cr)	EPD 110B	Community College Teaching-Learning (2 cr)
PC, NC, TC	EDUC 198B	Special Topics in Education (5-6 cr)	EPD 295B	Special Topics in Educational Professional Development (5-6 cr)
PC, NC, TC, CR	EMTP 100B	Preparamedic (5 cr)	EMS 129B	Paramedic Fundamentals (3 cr)
PC, NC, TC, CR	EMTP 102B	Foundations of Paramedic Medicine (5 cr)	EMS 165B	Pathophysiology for Paramedics (3 cr)
PC, NC, TC, CR	EMTP 104B	Airway and Ventilation Management (2 cr)	EMS 145B	Essentials of Paramedic Medicine (3 cr)
PC, NC, TC	EMTP 108B	Assessment and Management of Trauma (3 cr)	EMS 185B	Advanced Emergency Care (3 cr)
PC, NC, TC	EMTP 110B	Paramedic Operations (3 cr)	EMS 172B	Vehicle Extrication for Paramedics (3 cr)
PC, NC, TC, CR	EMTP 112B	Cardiology (5 cr)	EMS 168B	Electrophysiology/Electrocardiography (3 cr)
PC, NC, TC, CR	EMTP 113B	Cardiology II (3 cr)	EMS 202B	Advanced ECG Interpretation (2 cr)
PC, NC	EMTP 114B	Advanced Cardiac Life Support (1 cr)	EMS 169B	Advanced Cardiac Life Support (1 cr)
PC, NC, TC, CR	EMTP 116B	Assessment and Management of Medical Emergencies (6 cr)	EMS 166B	Paramedic Technology (4 cr)
PC, NC, TC, CR	EMTP 118B	Special Considerations of Patients Through Life-Span (3 cr)	EMS 176B	Pediatrics for Paramedics (4 cr)
PC, NC, TC	EMTP 120B	Basic Trauma Life Support (1 cr)	EMS 171B	Prehospital Trauma Life Support (PHTLS) (1 cr)

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PC, NC, TC, CR	EMTP 124B	Paramedic Hospital Rotation I (3 cr)	ENS 127B	Paramedic Clinical Practice I (2 cr)
PC, NC, TC, CR	EMTP 125B	Paramedic Hospital Rotation II (3 cr)	ENS 167B	Paramedic Clinical Practice II (2 cr)
PC, NC, TC, CR	EMTP 127B	Paramedic Field Rotation II (5 cr)	ENS 173B	Paramedic Field Internship (3 cr)
PC, NC, TC	EMTP 132B	Assessment Based Management (2 cr)	ENS 220B	Advanced Paramedic Skills (2 cr)
NC, TC	ENG 052	Bridge ESL Writing II (3 cr)	ENG 081 D	Basic ESL Writing (3 cr)
NC	ENG 081	Basic Skills in Reading (1-3 cr) repeatable to 6 cr	ENG 081 C	Basic Skills in Reading (1-3 cr) repeatable to 6 cr
NC, TC	ENG 082	Effective Reading Techniques (1-3 cr) repeatable to 6 cr	ENG 112 C	Bridge Reading Skills (1-3 cr) repeatable to 6 cr
NC, CR	ENG 103	Bridge ESL Writing (3 cr)	ENG 112 D	Bridge ESL Writing (3 cr) repeatable to 6 cr
TC	ENV 130	Control of Environmental Pollution (3 cr)	ENV 130	Fundamentals of Environmental Pollution: Concepts and Methods
NC	ENV 206	Sampling, Analysis, Treatment and Disposal (3 cr)	ENV 203 R	Sampling, Analysis, Treatment and Disposal (3 cr)
NC	ENV 290B	Internship in Environmental Studies (1-8 cr)	ENV 290	Internship in Environmental Studies (1-8 cr)
TC	ENV 292	Community Environmental Problems (3 cr)	ENV 292	Nevada Environmental Problems (3 cr)
NC	ENV 299B	Special Topics in Environmental Studies (5-3 cr)	ENV 299	Special Topics in Environmental Studies (5-3 cr)
PC	FS 101B	Introduction to Fire Protection (3 cr)	FT 101B	Introduction to Fire Protection (3 cr)
PC	FS 101B	Introduction to Fire Protection (3 cr)	FT 101B	Introduction to Fire Protection (3 cr)
PC	FS 101B	Introduction to Fire Protection (3 cr)	FT 101B	Introduction to Fire Protection (3 cr)
PC, NC, TC	FS 111B	Fire Administration I (3 cr)	FT 291B	Fire Administration (3 cr)
PC, TC	FS 121B	Fire Prevention (3 cr)	FT 121B	Fire Prevention I (3 cr)
PC, TC	FS 125B	Building Construction for Fire Protection (3 cr)	FT 125B	Building Construction I (3 cr)
PC, NC	FS 127B	Firefighter Safety and Survival (1 cr)	FT 208B	Firefighter Safety and Survival (1 cr)
PC	FS 131B	Hazardous Materials (3 cr)	FT 131B	Hazardous Materials (3 cr)
PC, NC	FS 160B	Entry Level Firefighter (3 cr)	FT 102B	Entry Level Firefighter (3 cr)
PC, NC	FS 161B	Basic Firefighter (3 cr)	FT 103B	Basic Firefighter (3 cr)
PC, NC	FS 162B	Nevada Firefighter I (3 cr)	FT 104B	Nevada Firefighter I (3 cr)
PC, NC, TC	FS 233B	Related Codes and Ordinances (3 cr)	FT 122B	Codes/Ordinances I (3 cr)
PC, NC, TC	FS 235B	Fire Hydraulics (3 cr)	FT 151B	Fire Service Hydraulics I (3 cr)
PC, NC, TC	FS 237B	Fire Apparatus and Equipment (3 cr)	FT 150B	Apparatus and Equipment (3 cr)
PC	FS 243B	Firefighting Tactics and Strategy (3 cr)	FT 243B	Firefighting Tactics and Strategy (3 cr)
PC, NC, TC	FS 244B	Fire Service Inspection and Investigation (3 cr)	FT 120B	Prevention, Investigation I (3 cr)
PC, NC, TC	FS 245B	Arson Investigation (3 cr)	FT 126B	Fire Cause Determination (3 cr)
PC, NC, TC	FS 247B	Emergency Rescue Practices I (3 cr)	FT 160B	Rescue Awareness (3 cr)
PC, NC, TC	FS 248B	Aircraft Crash and Rescue (3 cr)	FT 145B	Aviation Emergencies (3 cr)
PC, NC, TC	FS 249B	Fire Protection Equipment and Systems (3 cr)	FT 244B	Fire Protection Systems (3 cr)
PC, NC	FS 250B	Firefighter I (6 cr)	FT 204B	Firefighter I (6 cr)
PC, NC, TC	FS 251B	Introduction to Wildland Fire Control (3 cr)	FT 110B	Basic Wildland Firefighting (3 cr)
PC, NC, TC	FS 252B	Intermediate Wildland Fire Control (3 cr)	FT 218B	Intermediate Fire Behavior, S-290, 390
PC, NC, CR	FS 290B	Internship in the Fire Service (1-8 cr)	FT 109B	Internship in the Fire Service (1-6 cr)
NC	GER 203	Second Year German I (3 cr)	GER 211	Second Year German I (3 cr)
NC	GER 204	Second Year German II (3 cr)	GER 212	Second Year German II (3 cr)
CR	GRC 101	Introduction to Graphic Communications (2 cr)	GRC 101	Introduction to Graphic Communications (2-3 cr)
NC, CR	GRC 103B	Introduction to Computer Graphics (2 cr)	GRC 103	Introduction to Computer Graphics (2-3 cr)
NC, TC	GRC 107B	Design Fundamentals I (3 cr)	GRC 107	Design Fundamentals (3 cr)
TC, CR	GRC 108B	Design Fundamentals / Color Theory (2 cr)	GRC 108B	Design Fundamentals II (3 cr)
NC, TC	GRC 108B	Design Fundamentals II (3 cr)	GRC 109	Color and Design (3 cr)
TC	GRC 110B	Rendering Techniques (3 cr)	GRC 110B	Rendering and Illustration (3 cr)
TC, CR	GRC 118	Fundamental of Computer Graphics for Print Media (2 cr)	GRC 118	Computer Graphics/Print Media (2-3 cr)
TC, CR	GRC 119	Fundamentals of Computer Graphics for Digital Media (2 cr)	GRC 119	Computer Graphics/Digital Media (2-3 cr)
CR	GRC 294B	Professional Portfolio (2 cr)	GRC 294B	Professional Portfolio (1-3 cr)
TC	HIST 211	Asian History I (3 cr)	HIST 211	History of East Asia I (3 cr)

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TC	HIST 212	Asian History II (3 cr)	HIST 212	History of East Asia II (3 cr)
TC	HIST 225	U.S. Involvement in Vietnam (3 cr)	HIST 225	Introduction to the Vietnam War (3 cr)
TC	HIST 227	History of Latin American Culture (3 cr)	HIST 227	Introduction to Latin American History and Culture I (3 cr)
TC	HIST 247	History of the Mexican Nation (3 cr)	HIST 247	Introduction to the History of Mexico (3 cr)
TC	HIST 248	The American Civil War (3 cr)	HIST 248	Introduction to the American Civil War (3 cr)
TC	HIST 294	African American History: 1619 to Present (3 cr)	HIST 294	Introduction to African American History II (3 cr)
NC, TC	IS 150	Computer Literacy (3 cr)	IS 101	Introduction to Information Systems (3 cr)
NC	IS 203	Computer Applications (3 cr)	IS 201	Computer Applications (3 cr)
NC, TC, CR	ITAL 101	Introduction to Italian I (3 cr)	ITAL 113	Elementary Italian I (4 cr)
NC, TC, CR	ITAL 102	Introduction to Italian II (3 cr)	ITAL 114	Elementary Italian II (4 cr)
NC	ITAL 103B	Intermediate Italian I (3 cr)	ITAL 213	Intermediate Italian I (3 cr)
NC	ITAL 104B	Intermediate Italian II (3 cr)	ITAL 214	Intermediate Italian II (3 cr)
NC, TC	JOUR 201	Media Writing (3 cr)	JOUR 102	News Reporting and Writing (3 cr)
PC, NC	LAW 262	Legal Writing (3 cr)	LAW 259	Legal Writing (3 cr)
NC	LAW 266B	Legal Office Basics (3 cr)	LAW 268B	Legal Office Basics (3 cr)
TC	MATH 190B	Math for Electronics (3 cr)	MATH 190B	Mathematics for Electronics Applications (3 cr)
TC	MHDD 102	Medical Component MHDD (1 cr)	MHDD 102	Medical Component (1 cr)
TC, CR	MHDD 105	Aggressive Behavior Intervention (1 cr)	MHDD 105	Conflict Prevention and response Training (2 cr)
TC	MHDD 106	The Teaching Role and Active Treatment (1 cr)	MHDD 106	Teaching and Active Treatment (1 cr)
TC	MHDD 107	Understanding Psychopharmacology (2 cr)	MHDD 107	Medication Fundamentals (2 cr)
PC	MO 102	Basic Leadership & Organization (2 cr)	MIL 102	Basic Leadership & Organization (2 cr)
PC	MO 110B	Basic Military Training (3 cr)	MIL 110B	Basic Military Training (3 cr)
PC	MO 181	Physical Conditioning (2 cr)	MIL 181	Physical Conditioning (2 cr)
PC	MO 198B	Special Topics: Military Occupations (0.5 - 6 cr)	MIL 198B	Special Topics: Military Occupations (0.5 - 6 cr)
PC	MO 201	Military Topography & Orienteering (2 cr)	MIL 201	Military Topography & Orienteering (2 cr)
PC	MO 204	Summer Basic (2 cr)	MIL 204	Summer Basic (2 cr)
PC, NC	MO 205	Small Unit Leadership Techniques (2 cr)	MIL 202	Small Unit Leadership Techniques (2 cr)
PC	MS 101	Introduction to Military Science (2 cr)	MIL 101	Introduction to Military Science (2 cr)
PC	MS 202	Small Unit Leadership Techniques (2 cr)	MIL 202	Small Unit Leadership Techniques (2 cr)
PC	MS 203	Basic Topics in Leadership Skills (1-2 cr)	MIL 203	Basic Topics in Leadership Skills (1-2 cr)
PC, NC	MTL 100B	Basic Metals (3 cr)	WELD 101B	Basic Metals (3 cr)
PC, NC, TC	MTL 163B	Welding for Art I (3 cr)	WELD 111B	Beginning Welding for Art (3 cr)
PC, NC, CR	MTL 164B	Machine Shop I (2-6 cr)	MTT 105B	Machine Shop I (3 cr)
PC, NC, CR	MTL 166B	Machine Shop II (2-6 cr)	MTT 110B	Machine Shop II (3 cr)
PC, NC, TC, CR	MTL 170B	Metallurgy and Materials (2-6 cr)	MTT 150B	Metallurgy I (3 cr)
PC, NC, TC, CR	MTL 172B	Quality Assurance & Problem Solving for Machinists (2-6 cr)	MTT 140B	Inspection Techniques (3 cr)
PC, TC	MTL 198B	Special Topics in Metals (5-6 cr)	WELD 198B	Special Topics in Welding (.5-6 cr)
PC, NC, CR	MTL 212	Welding I (1-6 cr)	WELD 211	Welding I (3 cr)
PC, NC, CR	MTL 213	Welding II (1-6 cr)	WELD 221	Welding II (3 cr)
PC, NC, CR	MTL 217B	Welding III (1-6 cr)	WELD 231B	Welding III (3 cr)
PC, NC, CR	MTL 218B	Welding IV (1-6 cr)	WELD 241B	Welding IV (3 cr)
PC	MTL 225B	Independent Study (1-6 cr)	WELD 225B	Independent Study (1-6 cr)
NC, TC	MTL 240B	Welding and Art (4 cr)	MTL 163B	Welding for Art I (4 cr) chgd to WELD 111B
PC, NC, TC	MTL 263B	Welding for Art II (4 cr)	WELD 121B	Advanced Welding for Art (4 cr)
PC, TC	MTL 290B	Internship in Metal (1-8 cr)	WELD 290B	Internship in Welding (1-8 cr)
PC, NC, CR	MTL 291B	Welding I Practice (1-6 cr)	WELD 212B	Welding I Practice (2 cr)
PC, NC, CR	MTL 292B	Welding II Practice (1-6 cr)	WELD 222B	Welding II Practice (2 cr)
PC, NC, CR	MTL 293B	Welding III Practice (1-6 cr)	WELD 232B	Welding III Practice (2 cr)
PC, NC, CR	MTL 294B	Welding IV Practice (1-6 cr)	WELD 242B	Welding IV Practice (2 cr)

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PC, NC, TC, CR	MTL 296B	AWS Code Preparation (1-6 cr)	WELD 250B	Welding Certification Preparation (1-12 cr)
TC	MUS 101	Music Fundamentals and Ear Training (3 cr)	MUS 101	Music Fundamentals (3 cr)
NC, TC	MUS 104	Guitar Class (2cr)	MUS 107	Guitar Class I (2cr)
PC, NC, TC	MUS 112	College Singers (1 cr)	IMUSE 101	Concert Choir (1 cr)
PC, NC	MUS 117	Concert Band (1 cr)	IMUSE 111	Concert Band (1 cr)
PC, NC	MUS 119	Orchestra (1 cr)	IMUSE 123	Orchestra (1 cr)
CR	MUS 121	Music Appreciation (2-3 cr)	IMUS 121	Music Appreciation (3 cr)
NC, TC	MUS 123	Music History I (3 cr)	IMUS 225	Introduction to Music History I (3 cr)
NC, TC	MUS 124	Music History II (3 cr)	IMUS 226	Introduction to Music History II (3 cr)
PC, NC, TC, CR	MUS 151	Piano (1 cr)	IMUSA 129	Piano-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 153	Voice (1 cr)	IMUSA 145	Voice-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 153	Voice (1 cr)	IMUSA 147	Voice for MUS THTR Maj-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 155	Brass Instruments (1 cr)	IMUSA 121	Horn-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 155	Brass Instruments (1 cr)	IMUSA 135	Trombone-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 155	Brass Instruments (1 cr)	IMUSA 137	Trumpet-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 155	Brass Instruments (1 cr)	IMUSA 139	Tuba-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 157	Woodwind Instruments (1 cr)	IMUSA 103	Bassoon-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 157	Woodwind Instruments (1 cr)	IMUSA 107	Clarinets-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 157	Woodwind Instruments (1 cr)	IMUSA 113	Flute-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 157	Woodwind Instruments (1 cr)	IMUSA 123	Oboe-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 157	Woodwind Instruments (1 cr)	IMUSA 131	Saxophone-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 159	String Instruments (1 cr)	IMUSA 101	Bass-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 159	String Instruments (1 cr)	IMUSA 105	Cello-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 159	String Instruments (1 cr)	IMUSA 141	Viola-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 159	String Instruments (1 cr)	IMUSA 143	Violin-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 161	Percussion (1 cr)	IMUSA 109	Drum Set-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 161	Percussion (1 cr)	IMUSA 127	Percussion-Lower Division (1-2 cr)
PC, NC, TC, CR	MUS 165	Guitar (1 cr)	IMUSA 115	Guitar-Lower Division (1-2 cr)
PC, NC	MUS 175	Jazz Ensemble (1 cr)	IMUSE 131	Jazz Ensemble (1 cr)
NC, TC, CR	MUS 207	Theory I (4 cr)	MUS 203	Music Theory I (3 cr)
NC, TC, CR	MUS 208	Theory II (4 cr)	MUS 204	Music Theory II (3 cr)
NC, TC, CR	MUS 271	Advanced Theory I (4 cr)	MUS 207R	Theory III (3 cr)
NC, TC, CR	MUS 272	Advanced Theory II (4 cr)	MUS 208R	Theory IV (3 cr)
TC	NUTR 243	Diet Therapy (3 cr)	NUTR 243	Medical Nutrition Therapy for Dietetic Technicians I (3 cr)
TC	PHIL 207	Introduction to Political Philosophy (3 cr)	PHIL 207	Introduction to Social and Political Philosophy (3 cr)
NC, TC	PHIL 296	Philosophy of India (3 cr)	PHIL 225	Introduction to Indian Philosophy (3 cr)
CR	PHYS 151	General Physics I (5 cr)	PHYS 151	General Physics I (3 cr)
CR	PHYS 151	General Physics I (3 cr)	PHYS 151	General Physics I (4 cr)
CR	PHYS 152	General Physics II (5 cr)	PHYS 152	General Physics II (3 cr)
CR	PHYS 152	General Physics II (3 cr)	PHYS 152	General Physics II (4 cr)
NC	PHYS 201	Physics for Scientists and Engineers I (3 cr)	PHYS 180	Physics for Scientists and Engineers I (3 cr)
NC	PHYS 202	Physics for Scientists and Engineers II (3 cr)	PHYS 181	Physics for Scientists and Engineers II (3 cr)
NC	PHYS 204	Physics for Scientists and Engineers Lab I (1 cr)	PHYS 180L	Physics for Scientists and Engineers Lab I (1 cr)
NC	PHYS 205	Physics for Scientists and Engineers Lab II (1 cr)	PHYS 181L	Physics for Scientists and Engineers Lab II (1 cr)
NC	PHYS 290B	Internship in Physics (1-8 cr)	PHYS 290	Internship in Physics (1-8 cr)
TC	RE 101	Real Estate Principles (3 cr)	RE 101	Real Estate Principles (3 cr)
TC	RE 103	Real Estate Principles II (3 cr)	RE 103	Real Estate Law and Practice (3 cr)
TC	RE 205B	Real Property Management (3 cr)	RE 205B	Real Estate Management (3 cr)
TC	READ 135	Improvement of College Reading Skills (1-3 cr)	READ 135	College Reading Strategies (1-3 cr)

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ACTION	OLD NUMBER	OLD COURSE NAME	NEW/CURRENT	CURRENT/NEW COURSE NAME
PC, NC, TC	RPED 105	Jazz Dance: Musical Theater (1 cr)	DAN 132	Jazz Dance (Beginning) (1 cr)
PC, NC, CR	RPED 110	Modern Dance, Beginning (2 cr)	DAN 138	Modern Dance, Beginning (1 cr)
PC, NC, TC, CR	RPED 135	Tennis, Beginning (2 cr)	PEX 127	Tennis (1 cr)
PC, NC, CR	RPED 136	Tennis, Intermediate (2 cr)	PEX 127A	Tennis, Intermediate (1 cr)
PC, NC, CR	RPED 137	Tennis, Advanced (2 cr)	PEX 127B	Tennis, Advanced (1 cr)
PC, NC, TC	RPED 138	Volleyball, Beginning (1 cr)	PEX 129	Volleyball (1 cr)
PC, NC	RPED 139	Volleyball, Intermediate/Advanced (1 cr)	PEX 129A	Volleyball, Intermediate/Advanced (1 cr)
PC, NC, TC, CR	RPED 149	Fencing, Beginning (2 cr)	PEX 155	Fencing (1 cr)
PC, NC, CR	RPED 151	Fencing, Intermediate/Advanced (2 cr)	PEX 155A	Fencing, Intermediate/Advanced (1 cr)
PC, NC, CR	RPED 152	Karate (2 cr)	PEX 143	Karate (1 cr)
PC, NC, CR	RPED 153	Karate, Intermediate/Advanced (2 cr)	PEX 143A	Karate, Intermediate/Advanced (1 cr)
PC, NC, CR	RPED 156	Ballet, Beginning (2 cr)	DAN 133	Ballet, Beginning (1 cr)
PC, NC, TC, CR	RPED 157	Ballet, Intermediate/Advanced (2 cr)	DAN 235	Ballet, Intermediate (1 cr)
PC, NC, TC, CR	RPED 160	Golf, Beginning (2 cr)	PEX 117	Golf (1 cr)
PC, NC, CR	RPED 161	Golf, Intermediate (2 cr)	PEX 117A	Golf, Intermediate (1 cr)
PC, CR	RPED 169	Yoga (2 cr)	PEX 169	Yoga (1 cr)
PC, NC, TC, CR	RPED 174	Rhythmic Aerobics (2 cr)	PEX 170	Aerobics (1 cr)
PC, NC, CR	RPED 178	Slimastics and Weight Control (3 cr)	PEX 207	Slimastics and Weight Control (2 cr)
PC, NC, TC, CR	RPED 180	Body Contour and Conditioning (2 cr)	PEX 172	Body Contouring and Conditioning (1 cr)
PC, NC, CR	RPED 198B	Special Topics (.5-6 cr)	PEX 199	Special Topics (1 cr)
PC, NC, TC, CR	RPED 212	Modern Dance: Advanced (2 cr)	DAN 238	Modern Dance Intermediate (1 cr)
PC, NC, TC	RT 100B	Introduction to Radiography (.5 cr)	RAD 090B	Exploration of Radiology (.5 cr)
PC, NC	RT 102B	Medical Ethics (1 cr)	RAD 103B	Medical Ethics (1 cr)
PC	RT 110B	Fundamentals of Clinical Radiography I (1 cr)	RAD 110B	Fundamentals of Clinical Radiography I (1 cr)
PC	RT 112B	Patient Care and Medical Terminology (2 cr)	RAD 112B	Patient Care and Medical Terminology (2 cr)
PC	RT 116B	Radiography I (3 cr)	RAD 116B	Radiography I (3 cr)
PC	RT 118B	Radiology Physics and Circuitry (3 cr)	RAD 118B	Radiology Physics and Circuitry (3 cr)
PC	RT 124B	Radiographic Photography and Techniques (3 cr)	RAD 124B	Radiographic Photography and Techniques (3 cr)
PC	RT 125B	Clinical Radiography I (2 cr)	RAD 125B	Clinical Radiography I (2 cr)
PC	RT 126B	Radiography II (3 cr)	RAD 126B	Radiography II (3 cr)
PC	RT 128B	Imaging Equipment (3 cr)	RAD 128B	Imaging Equipment (3 cr)
PC	RT 198B	Special Topics Radiologic Technology (.5-6 cr)	RAD 198B	Special Topics Radiologic Technology (.5-6 cr)
PC	RT 220B	Clinical Radiography II (3 cr)	RAD 220B	Clinical Radiography II (3 cr)
PC	RT 230B	Clinical Radiography III (3 cr)	RAD 230B	Clinical Radiography III (3 cr)
PC	RT 236B	Radiographic Contrast Routine Exams (3 cr)	RAD 236B	Radiographic Contrast Routine Exams (3 cr)
PC	RT 238B	Radiation Safety and Protection (2 cr)	RAD 238B	Radiation Safety and Protection (2 cr)
PC	RT 242B	Radiography Quality Management (1 cr)	RAD 242B	Radiography Quality Management (1 cr)
PC	RT 244B	Diagnostic and Therapeutic Radiation (2 cr)	RAD 244B	Diagnostic and Therapeutic Radiation (2 cr)
PC	RT 245B	Clinical Radiography IV (3 cr)	RAD 245B	Clinical Radiography IV (3 cr)
PC	RT 247B	Radiographic Quality Control (1 cr)	RAD 247B	Radiographic Quality Control (1 cr)
PC	RT 250B	Clinical Radiography V (3 cr)	RAD 250B	Clinical Radiography V (3 cr)
PC	RT 259B	Seminar in Radiography (2 cr)	RAD 259B	Seminar in Radiography (2 cr)
PC	RT 280B	Review of Concepts in Radiography (1-6 cr)	RAD 280B	Review of Concepts in Radiography (1-6 cr)
PC	RT 285B	Independent Study in Radiology (.5-6 cr)	RAD 285B	Independent Study in Radiology (.5-6 cr)
PC, CR	RT 290B	Internship in Radiologic Technology (1-12 cr)	RAD 290B	Internship in Radiologic Technology (1-6 cr)
NC	SPAN 203	Second Year Spanish I (3 cr)	SPAN 211	Second Year Spanish I (3 cr)
NC	SPAN 204	Second Year Spanish II (3 cr)	SPAN 212	Second Year Spanish II (3 cr)
PC	SPTH 108	Introduction to Playwriting (3 cr)	THTR 108	Introduction to Playwriting (3 cr)
PC	SPCM 113	Fundamentals of Speech I (3 cr)	COM 113	Fundamentals of Speech I (3 cr)

ACTION	OLD NUMBER	OLD COURSE NAME	NEW/CURRENT	CURRENT/NEW COURSE NAME
PC	SPCM 135	Group Communication (3 cr)	COM 135	Group Communication (3 cr)
PC, TC	SPTH 112	Voice Class I (3 cr)	THTR 112	Beginning Singing for the Actor (3 cr)
PC	SPTH 113	Fundamentals of Speech I (3 cr)	SPCM 113	Fundamentals of Speech I (3 cr)
PC	SPTH 116	Dance Styles: Musical Theater (1-2 cr)	THTR 116	Dance Styles: Musical Theater (1-2 cr)
PC	SPTH 122	Creative Drama (3 cr)	THTR 122	Creative Drama (3 cr)
PC, NC, TC	SPTH 130	Fundamentals of Acting I (3 cr)	THTR 105	Introduction to Acting I (3 cr)
PC, NC, TC	SPTH 131	Fundamentals of Acting II (3 cr)	THTR 205	Introduction to Acting II (3 cr)
PC, NC, TC	SPTH 132	Theater Workshop	THTR 206	Theater Workshop: Acting III (3 cr)
PC	SPTH 133	Fundamentals of Directing (3 cr)	THTR 133	Fundamentals of Directing (3 cr)
PC	SPTH 135	Group Communications (3 cr)	SPCM 135	Group Communications (3 cr)
PC, NC, TC	SPTH 140	Introduction to Technical Theater (3 cr)	THTR 204	Theater Technology (3 cr)
PC	SPTH 145	The Business of the Performing Arts (3 cr)	THTR 145	The Business of the Performing Arts (3 cr)
PC	SPTH 160	Television Production I (3 cr)	THTR 160	Television Production I (3 cr)
PC	SPTH 161	Television Production II (3 cr)	THTR 161	Television Production II (3 cr)
PC	SPTH 180	Cinema as Art and Communication (3 cr)	THTR 180	Cinema as Art and Communication (3 cr)
PC, TC	SPTH 188B	Special Topics in Speech and Theater (.5-6 cr)	THTR 198B	Special Topics in Speech and Theater (.5-6 cr)
PC, NC	SPTH 200	Introduction to Theater (3 cr)	THTR 100	Introduction to Theater (3 cr)
PC, NC	SPTH 205	Theater Practicum (1-6 cr)	THTR 209	Theater Practicum (1-6 cr)
PC, NC	SPTH 206	Musical Theater (3 cr)	THTR 175	Musical Theater (3 cr)
PC	SPTH 210	Theater: A Cultural Context (3 cr)	THTR 210	Theater: A Cultural Context (3 cr)
PC	SPTH 221	Interpretation (3 cr)	THTR 221	Interpretation (3 cr)
PC	SPTH 224	Introduction to Gay Plays (3 cr)	THTR 224	Introduction to Gay Plays (3 cr)
PC	SPTH 225B	Drama in Performance (1 cr)	THTR 225B	Drama in Performance (1 cr)
PC	SPTH 231	Children's Theater (3 cr)	THTR 231	Children's Theater (3 cr)
PC, NC, TC	SPTH 234	Laboratory Theater: Acting (3 cr)	THTR 207	Laboratory Theater: Acting IV (3 cr)
PC	SPTH 235	Acting for the Camera (3 cr)	THTR 235	Acting for the Camera (3 cr)
PC	SPTH 245	Stage Movement and Stage Combat (3 cr)	THTR 245	Stage Movement and Stage Combat (3 cr)
PC	SPTH 252	Play Structure and Analysis (3 cr)	THTR 252	Play Structure and Analysis (3 cr)
PC	SPTH 253	Classical and Neo-Classical Theatrical Literature (3 cr)	THTR 253	Classical and Neo-Classical Theatrical Literature (3 cr)
PC	SPTH 255	20th Century Theatrical Literature (3 cr)	THTR 255	20th Century Theatrical Literature (3 cr)
PC	SPTH 258	Theater Experience and Travel (1-2 cr)	THTR 258	Theater Experience and Travel (1-2 cr)
PC, NC, TC	SPTH 260	Theater Speech (3 cr)	THTR 200	Introduction to Stage Voice I (3 cr)
PC	SPTH 290B	Internship in Speech and Theater (1-8 cr)	THTR 290B	Internship in Speech and Theater (1-8 cr)
PC	SPTH 295	Independent Study: Theater (1-3 cr)	THTR 295	Independent Study: Theater (1-3 cr)
TC	VETT 110B	Clinical Anatomy and Physiology (4 cr)	VETT 110B	Comparative Animal Anatomy and Physiology I (4 cr)
CR	VETT 125B	Veterinary Office Management (2 cr)	VETT 125B	Veterinary Office Management (1 cr)
PC, NC, TC	WF 211B	Portable Pumps and Water Use (1 cr)	FT 111B	Portable Pumps, S-211 (1 cr)
PC, NC, TC	WF 212B	Power Saws (1 cr)	FT 112B	Power Saws, S-212 (1 cr)
PC, NC, TC	WF 230B	Crew Boss (1 cr)	FT 115B	Crew Boss, S-230 (1 cr)
PC, NC, TC	WF 231B	Engine Boss (1 cr)	FT 116B	Engine Boss, S-231 (1 cr)
PC, NC, TC	WF 232B	Dozer Boss (1 cr)	FT 117B	Dozer Boss, S-232 (1 cr)
PC, NC, TC	WF 234B	Firing Methods and Procedures (1 cr)	FT 118B	Firing Methods, S-234 (1 cr)
PC, NC, TC	WF 236B	Wildland Fire Strategies and Tactics (3 cr)	FT 146B	Wildland Tactics and Strategy I (3 cr)
PC, NC, TC	WF 270B	Basic Air Operations (1 cr)	FT 113B	Basic Air Ops, S-270 (1 cr)
PC, NC, TC	WF 295B	Fire Ecology and Ecosystem Management (3 cr)	FT 212B	Fire and Ecology (3 cr)
PC	WS 101	Introduction to Women's Studies (3 cr)	WMST 101	Introduction to Women's Studies (3 cr)
PC, TC	WT 201	Foundations of Western Culture (3 cr)	CH 201	Ancient and Medieval Cultures (3 cr)
PC	WT 202	The Modern World (3 cr)	CH 202	The Modern World (3 cr)
PC	WT 203	American Experiences and Constitutional Change (3 cr)	CH 203	American Experiences and Constitutional Change (3 cr)

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COURSE DESCRIPTIONS

ACCOUNTING

ACC 105	TAXATION FOR INDIVIDUALS	01.0-03.0
<i>Prerequisite:</i> None		
Income, expenses, exclusions, deductions and credits. Emphasis on the preparation of individual income tax returns. This course is transferable as an elective to UNR.		
ACC 120B	CASH DISBURSEMENTS AND ACCOUNTS PAYABLE	02.0
<i>Prerequisite:</i> None		
This course is part of TMCC's Accounting Technology Series. These classes focus on the application of real-world accounting techniques through three major phases of business transactions documentation, analysis and recording: 1) Study of the Cash Disbursements and Accounts Payable cycle with emphasis on internal control procedures and separation of functions; 2) Use of multiple computer-based accounting modules, and; 3) Organization of proper documentation and filing.		
ACC 121B	CASH RECEIPTS AND CASH MANAGEMENT	02.0
<i>Prerequisite:</i> None		
This course is part of TMCC's Accounting Technology Series. These classes focus on the application of real-world accounting techniques through three major phases of business transactions documentation, analysis and recording: 1) Study of the Cash and Cash Management cycle with emphasis on internal control procedures and separation of functions; 2) Use of multiple computer-based accounting modules, and; 3) Organization of proper documentation and filing.		
ACC 122B	PAY OPRTN/RPRTG CERT PAYROLL PROF PREP	04.0
<i>Prerequisite:</i> None		
This course is part of TMCC's Accounting Technology Series. These classes focus on the application of real-world accounting techniques through three major phases of business transactions documentation, analysis and recording: 1) Study of the Payroll operations cycle with emphasis on internal control procedures and separation of functions; 2) Use of multiple computer-based accounting modules, and; 3) Organization of proper documentation and files. This course also prepares the student to sit for the Certified Payroll Professional exam.		
ACC 123B	SALES AND ACCOUNTS RECEIVABLE COLLECTIONS	02.0
<i>Prerequisite:</i> None		
This course is part of TMCC's Accounting Technology Series. These classes focus on the application of real-world accounting techniques through three major phases of business transactions documentation, analysis and recording: 1) Study of the Sales and Accounts Receivable cycle with emphasis on internal control procedures and separation of functions; 2) Use of multiple computer-based accounting modules, and; 3) Organization of proper documentation and filing.		
ACC 124B	FORECASTS AND PROJECTIONS USING MICROSOFT EXCEL	02.0
<i>Prerequisite:</i> None		
This course is part of TMCC's Accounting Technology Series. This class focuses on the development of a forecast or projection using professional accounting standards as a basis to create underlying rationale and documentation. Additionally the student will learn how to develop a spreadsheet, which can be adjusted for "what if" circumstances with a minimum of added development. Students will learn how to develop a Statement of Assumptions and how to assess the reasonableness of these.		
ACC 135B	BOOKKEEPING I	03.0
<i>Prerequisite:</i> None		
An introductory course for those without previous study in bookkeeping or accounting. Includes the purpose and nature of accounting, measuring business income, basic accounting principles covering the accounting cycle from source documents through preparation of financial statements for a service business and a retail firm, banking procedures and payroll procedures. Some assignments will be solved using a computerized general ledger program.		
ACC 136B	BOOKKEEPING II	03.0
<i>Prerequisite:</i> ACC 135B.		
Continuation of ACC 135B. Includes accounting principles, assets and equity accounting for external financial reporting. Topics covered include notes receivable and payable, uncollectible accounts, inventory, accounting for plant and equipment, partnerships, corporations, bonds, financial statement analysis and statement of cash flows. Use of computer software for setup of an actual accounting system and for simulated case studies.		
ACC 153	ELEMENTARY ACCOUNTING I COMPUTER APPLICATIONS	01.0
<i>Prerequisite:</i> None		
Must be taken concurrently or after ACC 201. Solving Elementary Accounting I type problems using a computer. Basic financial accounting principles will be reinforced utilizing the computer.		
ACC 154	ELEMENTARY ACCOUNTING II COMPUTER APPLICATIONS	01.0
<i>Prerequisite:</i> None		
Must be taken concurrently or after ACC 202. Solving Elementary Accounting II type problems using a computer. Basic managerial accounting principles will be reinforced utilizing the computer.		
ACC 157B	QUICKEN I	01.0
<i>Prerequisite:</i> None		
An introductory course covering the use of Quicken in personal finance, in business, and in on-line Internet financial services.		

ACCOUNTING

ACC 180B	PAYROLL AND EMPLOYEE BENEFIT ACCOUNTING	03.0
<i>Prerequisite:</i> None		
An introductory course covering the concepts and principles of payroll accounting with practical manual and computer applications. Legal responsibilities of employers and rights of employees are included.		
ACC 198B	SPECIAL TOPICS IN ACCOUNTING	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
ACC 201	FINANCIAL ACCOUNTING	03.0
<i>Prerequisite:</i> MATH 096 or comparable Accuplacer, ACT/SAT score, and ENG 090 or comparable Accuplacer, ACT/SAT score, or permission of the instructor.		
Purpose and nature of accounting, measuring business income, accounting principles, assets and equity accounting for external financial reporting.		
ACC 202	MANAGERIAL ACCOUNTING	03.0
<i>Prerequisite:</i> ACC 201.		
Forms of business organization; cost concepts and decision making; break-even analysis, fixed and variable costs and budgeting for internal reporting.		
ACC 203	INTERMEDIATE ACCOUNTING I	03.0
<i>Prerequisite:</i> ACC 202 or 205.		
Accounting for cash, receivables, prepaid and accrued items, fixed assets and intangible assets. May be accepted for transfer credit at UNR if UNR ACC 402 is taken the first year of the student's enrollment at UNR and a grade of C or better is earned or if the student passes a College of Business Administration examination. This course can transfer as ACC 401 to UCCSN institutions.		
ACC 205	COST ACCOUNTING	03.0
<i>Prerequisite:</i> ACC 136B or 201.		
Cost accounting for material, labor and factory overhead using job order costing, process costing and standard costing systems to compile cost analysis data for management decisions. This course can transfer as ACC 202 to UCCSN institutions.		
ACC 220	MICROCOMPUTER ACCOUNTING SYSTEMS	03.0
<i>Prerequisite:</i> ACC 136B and 201.		
This course is transferable as an elective to UNR. Develop skills in the use of computerized accounting. Interact with on-line real-time computerized accounting systems. Primary objective will be to focus on an applications approach using actual business case studies.		
ACC 223B	INTRODUCTION TO QUICKBOOKS	03.0
<i>Prerequisite:</i> ACC 135B or 201.		
Computerized Accounting with QuickBooks is designed to introduce students to the QuickBooks accounting program. The student will receive hands on training in the use of QuickBooks using the fictitious case studies.		
ACC 261	GOVERNMENTAL ACCOUNTING	03.0
<i>Prerequisite:</i> ACC 201.		
Fund and budget accounts of local governmental units, revenues, appropriations, disbursements and assessments. University, hospital and other fund applications.		
ACC 295B	WORK EXPERIENCE	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. The course may be repeated for up to eight credits. Formerly ACC 290B.		

AIR CONDITIONING

AC 102B	REFRIGERATION THEORY	03.0
<i>Prerequisite:</i> None		
An introductory course to present the fundamental principles of mechanical refrigeration. The course is designed for persons interested in pursuing a career in servicing, repairing and/or installing refrigeration and air conditioning equipment as well as building maintenance persons. Topics covered: basic physics, thermodynamics, the basic refrigeration cycle and common components used in mechanical refrigeration. This course is a prerequisite for all other courses in the Refrigeration and Air Conditioning and Building Maintenance core. Formerly ECT 100B.		
AC 106B	RESIDENTIAL GAS HEATING	06.0
<i>Prerequisite:</i> AC 102B, AC 205B and IMT 110B.		
Application of principles and skills in the troubleshooting, repair and maintenance of air conditioning, heating and ventilation equipment. Topics covered are the cooling cycle, gas furnaces, oil furnaces, heat pumps, chilled water systems, hot water systems and cooling towers. Formerly ECT 106B.		

AIR CONDITIONING

AC 111B	HEAT PUMPS	03.0
<i>Prerequisite:</i> None		
An introductory course in the principles of mechanical refrigeration found in heat pumps. Students will learn fundamentals in servicing, repairing and/or installation of refrigeration and air conditioning equipment. Topics include basic physics, thermodynamics, the refrigeration cycle and common components used in heat pump systems.		
AC 150B	BASIC REFRIGERATION SERVICING	06.0
<i>Prerequisite:</i> AC 102B and IMT 110B.		
This course is designed for persons interested in entering the refrigeration/air conditioning service, installation or building maintenance fields and is intended for the intermediate level student. The course is oriented toward development of basic skills required in troubleshooting, repair and maintenance of refrigeration/air conditioning systems. Topics covered are soldering, silver soldering, service and troubleshooting tools and systems construction. Formerly ECT 101B.		
AC 198B	SPECIAL TOPICS IN HVAC	0.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated up to six credits. Formerly ECT 198B.		
AC 200B	COMMERCIAL REFRIGERATION I	06.0
<i>Prerequisite:</i> AC 150B (formerly ECT 101B) or approval of instructor.		
Application of basic principles and skills in the troubleshooting, repair and installation of commercial refrigeration equipment and built-up systems. Topics covered are consistent with up-to-date designs and practices as applied in the supermarket, convenience store, bar and restaurant and fast food areas of the commercial refrigeration market. Formerly ECT 105B.		
AC 205B	HVAC CONTROL SYSTEMS	04.0
<i>Prerequisite:</i> None		
Course is designed to familiarize advanced students and others now working in the H.V.A.C. industry with the various control systems used in large H.V.A.C. systems. Subjects to be covered include pneumatic control systems and components, electronic control systems, interfacing of pneumatic and electronic controls, energy management systems, etc., with emphasis on operation, maintenance and troubleshooting. Formerly ECT 200B.		
AC 210B	BOILER OPERATION AND MAINTENANCE	03.0
<i>Prerequisite:</i> None		
Subjects to be covered include operation, safety, water treatment, control devices used with hot water boilers, low pressure boilers and power boiler systems. Formerly ECT 201B.		
AC 295B	INTERNSHIP HVAC CAREER	0.5-16.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to 16 semester hour credits may be earned on the basis of 75 hours of internship for one credit. May be repeated for up to 16 credits. Formerly ECT 290B.		
AC 299B	INDEPENDENT STUDY IN HVAC	01.0-06.0
<i>Prerequisite:</i> AC 150B (formerly ECT 101B).		
This course is for students who desire concentrated lab practice on specific types of refrigeration and/or air conditioning equipment. This is a contractual course. Credits, hours and course objectives to be determined on an individual basis by the student and Refrigeration and Air Conditioning faculty. Formerly ECT 299B.		

AMERICAN SIGN LANGUAGE

AM 145	AMERICAN SIGN LANGUAGE I	03.0-04.0
<i>Prerequisite:</i> None		
This course is designed to introduce ASL, a visual-gestural language used by the deaf community in the United States and to focus on the development of basic conversational skills, emphasizing receptive abilities.		
AM 146	AMERICAN SIGN LANGUAGE II	03.0-04.0
<i>Prerequisite:</i> AM 145.		
This course continues to stress the development of basic conversational skills with emphasis on expanding vocabulary and expressive skills.		
AM 147	AMERICAN SIGN LANGUAGE III	03.0-04.0
<i>Prerequisite:</i> AM 146.		
This course promotes the shifting from comprehension to production of ASL with the main emphasis of bringing fluency to a point of self-generated ASL.		
AM 148	AMERICAN SIGN LANGUAGE IV	03.0-04.0
<i>Prerequisite:</i> AM 147.		
This course encourages the student to expand command of disclosure in ASL on various everyday topics (leading to fluency).		

AMERICAN SIGN LANGUAGE

AM 149	AMERICAN SIGN LANGUAGE V	03.0-04.0
<i>Prerequisite:</i> AM 148.		
This course is designed to develop conversational ASL abilities, particularly in the area of self expression.		

ANTHROPOLOGY

ANTH 101	INTRODUCTION TO CULTURAL ANTHROPOLOGY	03.0
<i>Prerequisite:</i> None		
Analysis of the nature of culture, its universal aspects and range of variations revealed by human history and world ethnography. Satisfies UNR Social Science core curriculum.		
ANTH 102	INTRODUCTION TO PHYSICAL ANTHROPOLOGY	03.0-05.0
<i>Prerequisite:</i> None		
Biological and evolutionary origins of humans, with consideration of population genetics, living primates, fossil records and human variation. Includes eight laboratory experiences. Satisfies UNR science core curriculum.		
ANTH 198B	SPECIAL TOPICS IN ANTHROPOLOGY	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
ANTH 201	PEOPLES AND CULTURES OF THE WORLD	03.0
<i>Prerequisite:</i> None		
Comparative survey of selected societies from throughout the world. Emphasis on the impact of global developments on traditional societies. Satisfies UNR social science or diversity core curriculum. Satisfies TMCC diversity requirement.		
ANTH 202	ARCHAEOLOGY	03.0
<i>Prerequisite:</i> None		
An examination of the research goals, theoretical foundations and methods of anthropological archaeology. Examples are drawn from notable archaeological sites worldwide.		
ANTH 205	ETHNIC GROUPS IN CONTEMPORARY SOCIETIES	03.0
<i>Prerequisite:</i> None		
Ethnic relations in the United States and other societies where cultural and `racial` pluralism illustrates problems and processes of social interaction. Same as SOC 205. Satisfies TMCC and UNR diversity core curriculum.		
ANTH 208	FUNDAMENTALS OF CULTURAL DIVERSITY	03.0
<i>Prerequisite:</i> None		
This course explores the roles of culture in structuring the individual's self-identity, learning styles and sense of reality. The range of diversity in human socio-cultural institutions will be examined in terms of the role of prejudice, stereotyping and compatibility in education, the workplace and other environments. An emphasis will be placed on providing the skills necessary to work and live together regardless of ethnic, religious, race, gender, age and other cultural affiliations. Satisfies TMCC Diversity requirement.		
ANTH 225	ARCHAEOLOGICAL FIELD METHODS: SURVEY	00.5-03.0
<i>Prerequisite:</i> ANTH 202 or permission of instructor.		
This course provides the student with introductory training in basic archaeological field survey techniques.		
ANTH 226	ARCHAEOLOGICAL FIELD METHODS: EXCAVATION	00.5-03.0
<i>Prerequisite:</i> ANTH 202 or permission of instructor.		
This course provides the student with introductory training in basic archaeological field excavation techniques.		
ANTH 227	FOUNDATIONS OF ARCHAEOLOGICAL LAB METHODS	00.5-03.0
<i>Prerequisite:</i> ANTH 202 or permission of instructor.		
Basic hands-on introduction to archaeological lab methods which may include some or all of the following: inventory, processing, cataloging artifacts and preparing them for analysis and curation.		
ANTH 229	FUNDAMENTALS OF APPLIED ANTHROPOLOGY	03.0
<i>Prerequisite:</i> ANTH 101 or SOC 101.		
Fundamental survey of case studies examining various applications of anthropology in the resolution of human problems. Students will explore career opportunities for applied anthropologists and some of the roles of anthropologists in the world today. Students will participate in a class research project. Satisfies TMCC Diversity requirement.		
ANTH 279	PARA-PROFESSIONAL SKILLS IN SOCIAL SCIENCE	03.0
<i>Prerequisite:</i> ANTH 229, may be taken concurrently.		
Students will learn basic technical skills to support professional anthropologists as they conduct various aspects of research, data management and analysis, composition and report production.		
ANTH 290B	INTERNSHIP IN ANTHROPOLOGY	01.0-08.0
<i>Prerequisite:</i> ANTH 279 (may be taken concurrently).		
Must be taken concurrently with ANTH 279. Supervised Para-professional work experience in one or more areas of anthropology under guidance of a professional anthropologist or related professional. Student will apply knowledge and skills to real on-the-job situations designed by a faculty advisor and an official from a public agency, academic institution or business.		

APPLIED INDUSTRIAL TECHNOLOGIES

AIT 100B INTRO TO APPLIED INDUSTRIAL TECHNOLOGIES 03.0

Prerequisite: None

An introduction to the skills needed for Applied Industrial Technologies. Course emphasis is on using basic computation, technical reading, writing and computer skills as they apply to industrial applications.

AIT 110B GENERAL INDUSTRIAL SAFETY 01.0

Prerequisite: None

This is a general safety course for an industrial environment. Students will learn OSHA regulations, personal safety and understand the importance of safe work habits.

AIT 120B BASIC ELECTRICAL FOR TECHNOLOGY 02.0

Prerequisite: None

An introductory course in DC and AC electricity with hands on applications to support all areas of applied technology.

ARCHITECTURAL DESIGN

AAD 100 INTRODUCTION TO ARCHITECTURAL DESIGN 03.0

Prerequisite: None

This is a survey course of the profession of design. Covered in this course is a discussion of the fields of Architecture, Landscape Architecture and Planning. Other design fields may be discussed as they relate to these professions. Topics may include types of firms and their specialties, what it takes to become a licensed practitioner for whom a design professional might work, salaries that might be achieved and the professional associations to which a design professional might belong.

AAD 101 DESIGN WITH NATURE 03.0

Prerequisite: None

Introduces the concepts of natural systems and their influence on human activity and the living environment. Reviews the historical context and cultural adaptations and introduces the basic management and use of the natural systems. Reviews natural, biological, cultural and design management philosophies.

AAD 125 CONSTRUCTION DRAWINGS AND DETAILING 03.0

Prerequisite: None

Analysis of assembling and detailing for construction in the field of architecture and landscape architecture. Techniques for the production of construction details will be discussed and demonstrated. Visits to construction sites and professional offices. Formerly AAD 107.

AAD 180 FUNDAMENTALS OF DESIGN I 03.0

Prerequisite: Must be taken concurrently with AAD 181.

Investigation of the elements, principles and theories of design in two dimensions. Emphasis placed upon principles of organization, principles of visual and geometric logic, design methodology and color theory. Formerly AAD 126.

AAD 181 FUNDAMENTALS OF DESIGN I DISCUSSION 03.0

Prerequisite: Must be taken concurrently with AAD 180.

Discussion of the elements, principles and theories of design in two dimensions. Emphasis placed upon principles of organization, principles of visual and geometric logic, design methodology and color theory. Formerly AAD 127.

AAD 182 FUNDAMENTALS OF DESIGN II 03.0

Prerequisite: AAD 180 and 181. Must be taken concurrently with AAD 183.

Creating order among visual elements, that is to say: design, is the main focus of this class. The challenge afforded the student, is to gain insight into the criteria and standards presented. In a sense, the problem is the problem. There is no rote, preconceived, or predigested procedures for solving design problems. There are no answers in the back of the book. It is the essence of the design activity the student must confront. Formerly AAD 128.

AAD 183 FUNDAMENTALS OF DESIGN DISCUSSION II 03.0

Prerequisite: AAD 180 and 181. Must be taken concurrently with AAD 182.

Investigation of three-dimensional presentations of spatial design through abstract and representational methods. Formerly AAD 129.

AAD 201 HISTORY OF THE BUILT ENVIRONMENT 03.0

Prerequisite: None

This course will discuss the history of architecture and city design in the western and non-western civilization. The time periods to be covered will be from classical Greek, Hellenistic and Roman, through the Romanesque period, including the events and architecture of non-western civilizations happening in the same time frame. The influences these architecture and design philosophies have had on the shaping of civilization will also be discussed. What civilization reflects through its architecture during these periods will be examined. Same as HUM 201. Satisfies TMCC Diversity requirement. Formerly AAD 114.

AAD 202 ANALYSIS OF THE BUILT ENVIRONMENT 03.0

Prerequisite: None

This course will discuss the history of architecture and city design in western and non-western civilization. The time periods to be covered will be from classical Greek, Hellenistic and Roman, through the Romanesque period, including the events and architecture of non-western civilizations happening within the same time frame. The influences that the architecture and design philosophies have had on the shaping of civilization will also be discussed. What civilization reflects through its architecture during these periods will be examined.

ARCHITECTURAL DESIGN

AAD 223	GRAPHIC SOFTWARE FOR ARCH, CONST, DSGNR, PLANNERS	03.0
<i>Prerequisite:</i> AAD 227, 235 and 280. Must be taken concurrently with AAD 229 and 282 .		
Investigation of verbal, oral and advanced graphic presentation techniques and graphic reproduction processes. Emphasis will be placed upon the written word, graphics and presentation of preparation of materials for portfolio submission to upper division courses. Formerly AAD 236.		
AAD 230	DESIGN WITH CLIMATE	03.0
<i>Prerequisite:</i> AAD 100.		
This course will prepare the student with the basic knowledge in the following areas of solar design history, solar procession, climatological data for Reno and northern Nevada, energy reflection, transmission and absorption, heat transfer, heat storage, types of collector systems and their sizing as it relates to architecture. Formerly ADT 109B.		
AAD 257	PLANT MATERIALS	03.0
<i>Prerequisite:</i> None		
This course will identify the plants that will grow in this climate. The student will be given characteristics of the plants, soil adaptation, cultural needs, use of those plants in the landscape and other information about the plants during the lecture and laboratory. Formerly ADT 228B.		
AAD 262	CAD FOR LANDSCAPE ARCHITECTURE	03.0
<i>Prerequisite:</i> AAD 223.		
This course covers the use of AutoCAD and other Computer-Aided Software as a drafting and design tool in the landscape field. This course will build on the fundamentals taught in the Basic AutoCAD courses and will provide the student with an understanding of this tool in the preparation of landscape plans and details. Projects and hands-on work will be completed by the student, as well as discussions of various techniques and methods used. Formerly ADT 214B.		
AAD 265	COMPUTER APPLICATIONS IN ARCHITECTURE I	03.0
<i>Prerequisite:</i> AAD 223.		
Advanced work in computer-aided drafting and design. Includes development of speed, understanding of CAD techniques and logic and the understanding of office environment that incorporates CAD as a drafting alternative. Formerly ADT 211B.		
AAD 280	FUNDAMENTALS OF ARCHITECTURE DESIGN I	03.0
<i>Prerequisite:</i> AAD 182 and 183.		
Elements, principles, and theories of design as applied to projects in various media. Emphasis on the integration of design principles with the properties of wood, concrete, steel, glass, masonry and other construction materials. Consideration of environmental and climatic conditions and determinants are also discussed. Formerly AAD 226.		
AAD 282	FUNDAMENTALS OF ARCHITECTURE DESIGN II	03.0
<i>Prerequisite:</i> AAD 280.		
Discussion of the elements, principles and theories of design as applied to projects related to each of the design professions. Emphasis is placed upon integration of design principles to urban landscapes, buildings, interiors, furnishings and environmental graphic applications. Formerly AAD 228.		

ARCHITECTURAL DESIGN TECH

ADT 105	ARCHITECTURAL DRAFTING I	05.0
<i>Prerequisite:</i> None		
Basic techniques of architectural drafting. Use of drafting room equipment. Emphasizes residential buildings and leads to completion of a full set of professional level working drawings. Four hours lecture and three hours lab.		
ADT 106B	ARCHITECTURAL DRAFTING II	05.0
<i>Prerequisite:</i> ADT 105.		
Construction and detailed working drawings of elementary wood and steel structures. Application of building codes. Four hours lecture and three hours lab.		
ADT 108	ARCHITECTURAL LANDSCAPING I	03.0
<i>Prerequisite:</i> ADT 105 or equivalent.		
This course is the first of two courses that teach the theories, concepts and methodologies used in the development of a landscape plan. Projects emphasizing the single family residence will be used to implement the processes of schematic design, design development and presentation.		
ADT 168B	LANDSCAPE MANAGEMENT I	03.0
<i>Prerequisite:</i> None		
Landscape Management I is the first of two courses designed for the nurseryman's certification. Material covered will be valuable to the homeowner as well as the professional. The on campus field trip gives hands-on demonstrations of how irrigation components are installed and how they function. This course presents the practical field knowledge needed to work within the landscape industry. This course will prepare the student with basic knowledge to continue with Landscape Management II.		

ARCHITECTURAL DESIGN TECH

ADT 170B	SOIL MANAGEMENT	03.0
<i>Prerequisite:</i> CHEM 100 Recommended.		
This course teaches the concepts that are used in the management of soils in landscape industry today. Techniques, standards and policies will be discussed that effect our usage of this resource. Basic laboratory work and field trips will be utilized to underscore the importance of earth's fundamental resource, what makes up this primary resource and how it can be utilized, maintained and conserved for future generations.		
ADT 172B	TURFGRASS MANAGEMENT I	03.0
<i>Prerequisite:</i> None		
The student will gain the basic knowledge necessary to understand and identify turf grass varieties, the propagation methods used for each, and maintenance techniques required. This class will consist of lecture and hands-on participation by the student in the classroom and in the field.		
ADT 173B	TURFGRASS MANAGEMENT II	03.0
<i>Prerequisite:</i> ADT 172B.		
This is the second in a series of courses designed to build on the knowledge gained in the previous course. The student will gain further knowledge necessary to understand turf grass varieties, propagation methods, pest control, environmental concerns and maintenance techniques required. Specific areas of usage will be discussed. This class will consist of lecture and hands-on participation by the student in the classroom and the field.		
ADT 174B	URBAN TREE CARE I	03.0
<i>Prerequisite:</i> None		
This course covers the basics of tree care as it applies to trees in the urban environment. The semester will begin with biology of trees in order to help the student to understand why it is necessary to follow the practices that will be described throughout the class. Also, the biological portion of the class will increase the appreciation for trees, an understanding of the complex physiological processes that take place within trees will raise them from inanimate objects to fellow inhabitant and contributors to the environment in the urban setting. Completion of this course and Urban Tree Care II will provide the student with the resources necessary to prepare for the International Society of Arboriculture' Certification for Arborists Examination.		
ADT 178B	FUNDAMENTALS OF HORTICULTURE	03.0
<i>Prerequisite:</i> None		
Introduction to horticulture practices including plant classification, plant structure, function, growth, development and limiting factors.		
ADT 198B	SPECIAL TOPICS IN ADT	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be variable credit of one-half to six depending on the class content and number of hours required. The course may be repeated for up to six credits.		
ADT 208B	ARCHITECTURAL LANDSCAPING II	03.0
<i>Prerequisite:</i> ADT 108.		
Design methods and techniques used in the development of large scale landscape projects. Including: subdivisions, condominiums, commercial developments, such as shopping centers and offices complexes. Also, urban and regional parks, forest and natural landscape park development. Emphasis on using good horticultural and design concepts with proper plant selection and engineering methods for aesthetics and water conservation.		
ADT 209B	SOLAR DESIGN II FOR ARCHITECTS AND DESIGNERS	03.0
<i>Prerequisite:</i> None		
This course is the second in a series of solar design courses. This course provides the student with a clear understanding of the fundamental concepts of passive solar design strategies and its application. The course will also cover the design philosophies, system methodologies and mathematical equations necessary for performance calculations to analyze passive solar systems.		
ADT 212	ARCHITECTURAL DESIGN I	05.0
<i>Prerequisite:</i> ADT 105.		
Advanced work in architectural design. Development of architectural logic, planning and aesthetics with relation to structures. Three hours lecture and six hours lab.		
ADT 218B	LANDSCAPE IRRIGATION DESIGN	03.0-06.0
<i>Prerequisite:</i> ADT 105 and 108.		
Design and development of manual, semiautomatic and automatic sprinkler irrigation systems. Methods and techniques used in the design of systems, including hydraulics, performance and layout of systems, pump design for large scale installations, construction methods and testing techniques used for quality assurances. This course may be taken for up to six (6) credit hours.		
ADT 225B	INDEPENDENT STUDY	01.0-04.0
<i>Prerequisite:</i> None		
Individual assignment to the development of a project of special interest to the student with the instructor's approval.		
ADT 230B	MECHANICAL AND ELECTRICAL EQUIPMENT FOR BUILDINGS	03.0
<i>Prerequisite:</i> ADT 105.		
Basic design computations and drafting concepts used in selection and layout of mechanical and electrical systems for buildings. Two hours lecture and three hour lab.		

ARCHITECTURAL DESIGN TECH

ADT 245B	STATIC AND STRENGTH OF MATERIALS	03.0
<i>Prerequisite:</i> ADT 255B.		
Introduction to the free body diagram concept of static's, centroids and moments of inertia. Elements of strength of machinery, and beams in bending, torsion, tension, compression and buckling.		
ADT 248B	STRUCTURAL ANALYSIS	03.0
<i>Prerequisite:</i> ADT 245B and MATH 126 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Application of fundamental principles and techniques to the analysis of typical structural details involving the most commonly used building materials. Emphasis is placed on practical procedures used in the design of structural members.		
ADT 255B	PROPERTIES OF MATERIALS	03.0
<i>Prerequisite:</i> MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Properties of ferrous and nonferrous metals, timber, stone, clay products, plastics, bituminous cementing materials; behavior of materials under load; control of the properties of the material.		
ADT 256B	INTRODUCTION TO LAND USE PLANNING	03.0
<i>Prerequisite:</i> None		
This class will discuss the establishment of goals, policy development and implementation of plans for land use in various geographic areas. The use of GIS/GPS systems for data gathering and analytical tools will be discussed as well as their use to track resource scarcity and environmental deterioration problems. This is a lecture class. It is the prerequisite to Advanced GIS/GPS for architects, engineers and planners.		
ADT 268B	LANDSCAPE MANAGEMENT II	03.0
<i>Prerequisite:</i> None		
This course is the second of two classes in landscape management concepts that are used in the industry today. Techniques, standards and policies of the landscape industry will be discussed. The class will have field trips to various facilities throughout the area.		
ADT 270B	GREENHOUSE MANAGEMENT	03.0
<i>Prerequisite:</i> None		
This course covers greenhouse management from the construction of the greenhouse itself, to the harvesting of the plants grown within it. Students will learn how to control the environment in the greenhouse, how to pasteurize soils and which are the best plants to propagate.		
ADT 272B	TURFGRASS MANAGEMENT III	03.0
<i>Prerequisite:</i> ADT 173B.		
This is the third in a series of courses designed to build on the knowledge gained in the previous two courses. The student will gain further knowledge necessary to perform duties relevant to the turf grass industry. Specific areas of usage will be discussed, i.e., Golf Courses, Parks, Athletic Fields, and other major turf users. This class will consist of lecture and hands-on participation by the student in the classroom and in the field.		
ADT 274B	URBAN TREE CARE II	03.0
<i>Prerequisite:</i> ADT 174B.		
this course utilizes the knowledge gained in Urban Tree Care I and expands on it to include situations the arborist encounters in the field. Topics of discussion include pruning of small trees, pruning of large trees, diagnosis and control of problems, equipment and tools and how to deal with physical injuries. Completion of Urban Tree Care I and this course will provide the student with the resources necessary to prepare for the International Society of Arboriculture' Certification for Arborists Examination.		
ADT 290B	INTERN IN ARCH DESIGN TECHNOLOGY	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. The course be repeated for up to eight credits.		

ART

ART 090	ART FOR DEVELOPMENTALLY DISABLED ADULTS	03.0
<i>Prerequisite:</i> None		
An introductory course in ceramics and other art media designed to match the needs and abilities of adults who are mentally retarded. Students will participate in activities that teach the basics of ceramics and painting. The class activities will culminate with the preparation and execution of a student art show.		
ART 100	VISUAL FOUNDATIONS	03.0-05.0
<i>Prerequisite:</i> None		
Explores visual forms and contemporary concepts through a variety of media, presentations and discussions. Transfers to UNR/UNLV. Satisfies UNR Fine Arts core curriculum		
ART 101	DRAWING I	03.0
<i>Prerequisite:</i> None		
Introduction to drawing techniques and concepts. Formerly ART 121.		

ART

ART 102	DRAWING II	03.0
<i>Prerequisite:</i> ART 100 and 101* (formerly ART 121). Continued exploration of drawing techniques and concepts. Formerly ART 221.		
ART 106	JEWELRY I	03.0
<i>Prerequisite:</i> None Introduction to basic fabricating processes: sawing, soldering of both common and fine metals to basic methods of stone setting and construction of non-jewelry pieces. Includes historical evolution of metal work and student research. Emphasis on personal aesthetic growth. Formerly ART 195.		
ART 107	DESIGN FUNDAMENTALS/2D DESIGN	03.0
<i>Prerequisite:</i> None. GRC 101 recommended. Challenge by portfolio is available. An introductory course in the application and appreciation of the basic principles and elements of design, including form, shape, value, spatial relationships and color. Emphasis will be placed on developing creative skills and working with the design process.		
ART 108	DESIGN FUNDAMENTALS II	03.0
<i>Prerequisite:</i> ART 107/GRC 107 or approval of instructor. GRC 103 recommended. Challenge by portfolio is available. Color theories, color technologies and the applications of color in art and design. Intermediate, two-dimensional design problems focusing on the compositional, optical and psychological aspects of visual communication.		
ART 109B	DESIGN FUNDAMENTALS/COLOR AND DESIGN	02.0
<i>Prerequisite:</i> ART 108 or GRC 109 (formerly GRC 108B). Intermediate, two-dimensional and color design problems and their applications to compositional, optical and psychological aspects of visual communication.		
ART 110B	RENDERING TECHNIQUES	03.0
<i>Prerequisite:</i> Basic computer skills or approval of instructor. GRC 107/ART 107 and GRC 118 recommended. Introductory studio class in developing techniques for visualizing and rendering images in 2D and 3D presentations using a variety of manual techniques and application of these renderings in the electronic environment.		
ART 124	INTRODUCTION TO PRINTMAKING	03.0
<i>Prerequisite:</i> None Introduction to printing processes emphasizing relief, intaglio, and screen techniques. Formerly ART 185.		
ART 127	WATER COLOR I	03.0
<i>Prerequisite:</i> ART 101* (formerly ART 121). Beginning course involving color, form, composition and techniques using transparent and opaque watercolors. Formerly ART 145.		
ART 135	PHOTOGRAPHY I	03.0
<i>Prerequisite:</i> None Introduction to photography techniques focusing on black and white processes. Formerly ART 150.		
ART 141	INTRODUCTION TO DIGITAL PHOTOGRAPHY	03.0
<i>Prerequisite:</i> ART 135* (formerly ART 150). GRC 103 recommended for those with little computer experience. Introduction to photography utilizing digital based equipment and Adobe Photoshop. The course will emphasize the creation and manipulation of original images using digital cameras.		
ART 142	INTRODUCTION TO DIGITAL PHOTOGRAPHY II	03.0
<i>Prerequisite:</i> ART 141*. Continued exploration of photography utilizing digital based equipment with an emphasis on cameras (both traditional and digital) and scanning with an emphasis on the creation and manipulation of original images.		
ART 160	ART APPRECIATION	03.0
<i>Prerequisite:</i> None Introduction to the visual arts planned to illustrate the place of art in social and cultural life and to develop judgment in art analysis and criticism. Satisfies UNR fine arts core curriculum. Formerly ART 115.		
ART 198B	SPECIAL TOPICS IN ART	00.5-06.0
<i>Prerequisite:</i> None Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
ART 201	LIFE DRAWING I	03.0
<i>Prerequisite:</i> ART 100, 101* (formerly ART 121) and 102* (formerly ART 221). Exploration of the human figure in pictorial space with emphasis on drawing from a live model and working with gesture, memory and imagination. Formerly ART 222.		
ART 209	INTRODUCTION TO GALLERY PRACTICES	03.0
<i>Prerequisite:</i> None A course in the practices and ethics of operating an art gallery. Formerly ART 298.		
ART 211	CERAMICS I	03.0
<i>Prerequisite:</i> None Introduction to techniques and concepts focusing on hand-built techniques and characteristics of various clay bodies. Formerly ART 175.		

ART

ART 212	CERAMICS II	03.0-05.0
<i>Prerequisite:</i> ART 100 and 211 (formerly ART 175). Introduction to techniques and concepts focusing on wheel thrown techniques. Formerly ART 275.		
ART 216	SCULPTURE I	03.0
<i>Prerequisite:</i> None Introduction to the concepts of three-dimensional composition. Formerly ART 163.		
ART 227	WATER COLOR II	03.0
<i>Prerequisite:</i> ART 127 (formerly ART 145). Intermediate course involving continued exploration of watercolor media. Formerly ART 246.		
ART 231	PAINTING I	03.0
<i>Prerequisite:</i> ART 100 and 101* (formerly ART 121). Introduction to concepts of painting including color, form, and composition. Formerly ART 135.		
ART 232	PAINTING II	03.0
<i>Prerequisite:</i> ART 100 and 231 (formerly ART 135). Intermediate course in painting, emphasizing various materials and methods. Formerly ART 235*.		
ART 235	PHOTOGRAPHY II	03.0
<i>Prerequisite:</i> ART 100 and 135 (formerly ART 150). Lecture/study with emphasis on improving basic technical and conceptual skills. Formerly ART 250.		
ART 236	PHOTOGRAPHY III	03.0
<i>Prerequisite:</i> ART 135 and 235. Advanced photography course involving continued explorations of numerous photographic techniques, compositional styles, concepts and critical analysis of photography as a Fine Art.		
ART 249	NEW MEDIA	03.0
<i>Prerequisite:</i> None This course involves the exploration of a variety of alternative art media including earthwork, installation and performance art. Formerly ART 260.		
ART 260	SURVEY OF ART HISTORY I	03.0
<i>Prerequisite:</i> None Art of the western world from prehistoric times through the Gothic period. Satisfies UNR Fine Arts core curriculum. Formerly ART 116.		
ART 261	SURVEY OF ART HISTORY II	03.0
<i>Prerequisite:</i> None Art of the western world from the Renaissance to the present. Satisfies UNR fine arts core curriculum. Formerly ART 117.		
ART 263	SURVEY OF AFRICAN, OCEANIC, & NATIVE AMERICAN ART	03.0
<i>Prerequisite:</i> None This course is a survey of African, Oceanic, and Native American art. African art from prehistory through the African Diaspora and African-American art will be explored. The art of Australia, Micronesia, and Polynesia, along with the native art of North and South America from prehistory through the twentieth century will be covered by this course. Satisfies TMCC and UNR Diversity requirement.		
ART 264	SURVEY OF AMERICAN ART	03.0
<i>Prerequisite:</i> None This course focuses on the history of American Art from 1492 to the present. It includes the invention and mapping of America, art in the Colonial period, Republican icons, art in the Gilded Age and Modern and Postmodern art.		
ART 265	INTRODUCTION TO CONTEMPORARY ART	03.0
<i>Prerequisite:</i> None Evolution of art in Europe and the U.S. since World War II. Special emphasis on the trends since the 1960s. Formerly ART 213.		
ART 270	WOMEN IN ART	03.0
<i>Prerequisite:</i> None The role of women in the arts throughout history will be the focus of this course. Women as artists, patrons and subjects will be examined with the purpose of reassessing the contribution of women to the artistic tradition. In addition to learning about specific women artists and patrons in Western culture, a discussion of feminist critical theory and gender studies will be applied to the issue of women in the arts. Satisfies TMCC's diversity and fine art requirements and UNR's diversity requirement.		
ART 295	SPECIAL TOPICS IN ART HISTORY	01.0-03.0
<i>Prerequisite:</i> None Special topics in art history. May be repeated up to 12 credits. Formerly ART 289.		
ART 296	INDEPENDENT STUDY	01.0-03.0
<i>Prerequisite:</i> Written consent of the instructor. A course for advanced students to pursue individual creative work in any of the studio disciplines. Students must submit a written proposal describing projects and meet with tutorial faculty member on a regular basis. Formerly ART 297. Repeatable up to 12 credits.		

ART

- ART 297 FIELD STUDY** 01.0-03.0
Prerequisite: None
This course provides an opportunity for students to study art within its cultural and art historical setting by traveling to see works where they're located. Depending on the length of the trip, and the amount of material to be covered in the class, the credits may vary from 1 to 3. Repeatable for 6 credits.
- ART 298 PORTFOLIO EMPHASIS** 01.0-03.0
Prerequisite: A minimum of 10 units in medium emphasis and/or the instructor's approval is required for enrollment.
Participants will develop a portfolio for use in the acquisition of exhibitions, fine art gallery representation, inclusion in the permanent collections of museum/corporations, and/or employment in their respective medium. Class will also cover professional and legal planning strategies and requirements requisite to success in the fine art marketplace. Formerly ART 299. Repeatable up to 12 credits.
- ART 299 SPECIAL TOPICS IN STUDIO ART** 01.0-03.0
Prerequisite: Depends on special topic studio course offerings.
Various topics of special interest in Studio Fine Art will be introduced, studied and accomplished in depth than allowed through the basic beginning and intermediate courses Studio Art mediums. Possible topics include: alternative photographic processes, digital photography, engraving, raku firing, water bath etching, portraiture/lighting techniques in photography, weaving, performance art, view camera, color photography, etc. Formerly ART 288. Repeatable to 12 credits.

ASTRONOMY

- AST 104 INTRODUCTORY ASTRONOMY:STARS AND GALAXIES** 03.0
Prerequisite: MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.
A beginning astronomy course which discusses stellar systems and galaxies. Topics will include stellar evolution, formation of galaxies and cosmology. A minimum of mathematics is required, in the tradition of the amateur astronomer. Four laboratory experiences are required through the course period. Recommended for non-science majors. This course meets the UNR Science core curriculum requirements. Transfers to UNR as Physics 110.
- AST 198B SPECIAL TOPICS IN ASTRONOMY** 00.5-06.0
Prerequisite: None
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.
- AST 290B INTERNSHIP IN ASTRONOMY** 01.0-08.0
Prerequisite: None
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.

ATMOSPHERIC SCIENCE

- ATMS 117 METEOROLOGY** 03.0
Prerequisite: MATH 120.
This course will introduce students to the basic principles of atmospheric science. The characteristics of behavior of the atmosphere will be studied, with an emphasis on the processes that control weather and climate. Students will gain hands-on experience in gathering and analyzing weather data during four laboratory experiments. Satisfies UNR core science Group B requirements.

AUTOMOTIVE

- AUTO 101B GENERAL AUTO** 02.0-07.0
Prerequisite: None
An introductory course describing the principles of operation, design, construction and maintenance of automobiles. Activities include shop safety emphasis, use of service manuals, use of tools and fasteners, general maintenance of cooling systems, lubricating systems; an overview and demonstration of electrical, fuel and ignition systems; an overview and explanation of chassis, steering, suspension and brake systems. Human relations, leadership and work ethics related to the automotive industry will also be covered.
- AUTO 111B AUTOMOTIVE ELECTRICITY** 04.0
Prerequisite: AUTO 101B or instructor permission.
This course introduces students to basic electrical systems used in the automobile and light truck. The student will learn the skills needed to diagnose and repair basic automotive circuits, battery testing and repair of the starting and charging systems. Formerly AUTO 103B.
- AUTO 112B AUTOMOTIVE ELECTRICITY II** 04.0
Prerequisite: AUTO 111B or instructor permission.
This course introduces the student to the diagnosis and repair of automotive electrical and electronic circuits and components. Use of advanced diagnostic techniques and test equipment will allow the student to repair automotive and truck electrical circuits and components.

AUTOMOTIVE

AUTO 136B	ENGINE REPAIR	05.0
<i>Prerequisite:</i> AUTO 101B or instructor permission.		
This course covers theory and operation of the internal combustion engine. Different types of automotive and light duty diesel engines will be properly disassembled, parts identified and inspected. Engine oiling and cooling systems will be covered. The engine will be reassembled to manufacturer's specifications. Formerly AUTO 253B.		
AUTO 145B	AUTOMOTIVE BRAKES	05.0
<i>Prerequisite:</i> AUTO 101B or instructor permission.		
This course covers theory and hands-on skills needed for maintenance and repair of automotive and truck brake and ABS systems. Emphasis is placed on the fundamentals of operation and repair of the hydraulic, mechanical and electronic systems. Formerly AUTO 121B.		
AUTO 150B	STEERING AND SUSPENSION SYSTEMS	05.0
<i>Prerequisite:</i> AUTO 101B or instructor permission.		
This course covers the theory and hands-on skills needed for maintenance and repair of automotive and truck steering and suspension systems. Emphasis is placed on the fundamentals of operation and repair of the steering systems, suspension systems, active suspension systems and wheel alignment. Formerly AUTO 125B.		
AUTO 155B	SMALL ENGINE REPAIR	03.0
<i>Prerequisite:</i> None		
This course is an introduction to the theory and practice of repairing small engines. The student will disassemble and assemble two-cycle or four-cycle engines and learn to adjust the various components. The student will also study basic troubleshooting techniques for two and four cycle engines.		
AUTO 165B	AUTO HEATING AND AIR CONDITIONING	05.0
<i>Prerequisite:</i> AUTO 101B or instructor permission.		
This course introduces students to basic heating and air conditioning systems used in the automotive and truck fields. The student will learn the skills needed to correctly handle refrigerant, recycle refrigerant and component replacement. Diagnosis and repair of the heating, air conditioning and control circuits will be covered. The student may apply for the ASE recovery and recycle license.		
AUTO 198B	SPECIAL TOPICS IN AUTO	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. This course may be repeated for up to six credits.		
AUTO 205B	MANUAL DRIVE TRAINS AND AXLES	04.0
<i>Prerequisite:</i> AUTO 101B or instructor permission.		
This course covers theory and operation of the automotive and light truck manual drive trains and axles. Emphasis is placed on the manual transmissions, clutches, transfer cases and drive axles. Components will be checked for wear or failed parts. The drive train components will be reassembled to manufactures specifications. Formerly AUTO 219B.		
AUTO 216B	AUTOMATIC TRANSMISSIONS	05.0
<i>Prerequisite:</i> AUTO 101B or instructor permission.		
This course covers theory and operation of the automotive and light truck automatic transmissions and transaxels. Emphasis is placed on the mechanical, hydraulic and electrical systems of the transmission. The student will properly disassemble and inspect both types of transmissions. The transmission will be reassembled to manufacturer's specifications. Formerly AUTO 226B.		
AUTO 222B	EMISSION CONTROL CERTIFICATION PREP	03.0
<i>Prerequisite:</i> Must be a technician working in the auto field.		
This course is an intensive study of current and past automotive emission control systems. The course is especially designed to educate automotive technicians currently working in the field. The classroom and instructional work on the use of state of the art equipment will assist the technicians in meeting the certification requirements for the State of Nevada Test.		
AUTO 225B	ENGINE PERFORMANCE I	04.0
<i>Prerequisite:</i> AUTO 111B or instructor permission..		
This course introduces the student to the basic fundamentals of diagnosis and repair of the engines fuel and ignition systems. The student will learn the skills needed to test and diagnose the mechanical condition of the engine. Basic ignition systems to the latest technology for ignition systems will be covered. Special test equipment will be used for diagnosis of the failed ignition circuits and components. Formerly AUTO 223B.		
AUTO 227B	ENGINE PERFORMANCE II	04.0
<i>Prerequisite:</i> AUTO 112B and AUTO 225B R.		
This course introduces the student to the engine fuel delivery system for a fuel injected engine and basic emission control systems. The student will learn the skills needed to test and diagnose the fuel delivery system and basic emission control systems. Special test equipment will be used for diagnosis and repair of the failed fuel components and emission control systems.		

AUTOMOTIVE

- AUTO 235B ENGINE PERFORMANCE III** 04.0
Prerequisite: AUTO 227B and AUTO 265B.
This course introduces the student to advanced engine diagnosis of the computerized engine controls. OBD I, OBD II and CAN/BUS control systems. The student will learn the skills needed to test, diagnose and repair the complex control systems for the computerized power train systems. Special test equipment will be used for diagnosis and repair of the failed system or components. Hybrid vehicle power train and service procedures will be covered.
- AUTO 265B ELECTRICAL/ELECTRONIC SYSTEMS III** 04.0
Prerequisite: AUTO 112B or instructor permission.
This course introduces the student to the advanced diagnosis and repair of automotive and truck electronic control systems. Use of advanced diagnostic techniques and test equipment will allow the student to diagnose and repair computer based automotive and truck control circuits and components.
- AUTO 290B INTERNSHIP IN AUTOMOTIVE LEVEL 1** 01.0-06.0
Prerequisite: AUTO 103B, 121B, 125B, 219B, 223B and 225B with a 2.0 average and approval of the instructor.
The purpose of this course is to provide Automotive Industry Technicians with the opportunity to supplement course work with practical work experience related to the student's first three semesters of classroom and lab experiences. The course is an extension to and application of the classroom training through work experience under immediate supervision of experienced personnel at the industry work site. A qualified faculty member directly supervises the student's internship experience by working closely with the student and the employer through telephone contact, site visitations, student reports and reports from the student's supervisor. Credit is awarded (at a rate of 75 hours of work per credit) for the accomplishment of individualized specific occupational learning objectives written by the employer, student, and faculty member; maintenance of time sheets; and final project. Student grades will be assigned as a cooperative effort between the faculty member and the job supervisor.

AVIATION

- AV 110B BASIC GROUND SCHOOL FOR PILOTS** 06.0
Prerequisite: None
Federal air regulations, aerial navigation, radio, general service and safety practices. Course should be preceded or be taken with Pilot Flight course. Cost of course is determined by the individual flight school. Formerly AERO 101B.
- AV 210B INSTRUMENT GROUND SCHOOL (AIRPLANE)** 03.0
Prerequisite: AV 110B (formerly AERO 101B).
This course provides in-depth study of the purpose, use and operation of flight instruments in airport departures, en route navigation, approaches and other aspects of instrument flight. The course will prepare the students to qualify as an instrument rated pilot.

BIOLOGY

- BIOL 100 GENERAL BIOLOGY FOR NON-MAJORS** 03.0
Prerequisite: MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.
Survey of the basic processes of biology common to all life forms. Includes cell theory and metabolic processes, evolution, ecology, genetics, populations, and the scientific method. Designed for the non-science major. Meets the UNR core curriculum science requirement. Three lecture hours per week. Four laboratory experiences throughout the semester.
- BIOL 110 BIOLOGY FOR ELEMENTARY/MIDDLE LEVEL EDUCATION** 03.0
Prerequisite: None
An introductory course emphasizing major concepts and pedagogical techniques in the field of biology. The course is designed for prospective teachers. It incorporates scientific methodology and content knowledge into hands-on investigation that may be used at the elementary and middle school levels. Transfers as 3 credits to UNR and meets TMCC and UNR requirements for AA and BS degrees in Elementary Education. Two hours of lecture and three hours of laboratory per week.
- BIOL 141B HUMAN STRUCTURE AND FUNCTION I** 04.0
Prerequisite: None
A laboratory course which deals with the morphology and physiology of the human body. Topics include introductory cell chemistry, cell biology, and basic histology. The following body systems are covered: digestive, skeletal, muscular, circulatory, lymphatic, and endocrine. The course is designed specifically for students enrolled in or planning to enroll in Dietetic Technology, Emergency Medical Technology, Paramedic, or Radiological Technology and does not satisfy Nursing, Dental Hygiene or advanced radiological training prerequisites. Three hours of lecture and three hours of lab per week. 4 credits, non-transferable.
- BIOL 142B HUMAN STRUCTURE AND FUNCTION II** 04.0
Prerequisite: BIOL 141B.
A laboratory course covering the morphology and physiology of the human body. The following organ systems are covered: nervous, integumentary, respiratory, urinary, reproductive, and immune. The course is designed specifically for students enrolled in or planning to enroll in Dietetic Technology, Emergency Medical Technology, Paramedic, or Radiological Technology and does not satisfy Nursing, Dental Hygiene or advanced radiological training prerequisites. Three hours of lecture and three hours of lab per week. 4 credits, non-transferable.

BIOLOGY

BIOL 188B	FOUNDATIONS IN SCIENTIFIC LITERACY	01.0
<i>Prerequisite:</i> None		
This course is designed to ensure success in introductory science classes, particularly Biology 190, the first course for Biology majors. The course covers the basic mathematics used in biological sciences, basic chemistry used in biological sciences, the fundamentals of biology, the scientific method, study skills and basic laboratory techniques. The class consists of 16.5 lecture hours and six hours of lab per semester.		
BIOL 190	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	03.0
<i>Prerequisite:</i> CHEM 121.		
Covers the structure and function of cells. Included will be the major molecules of life, composition and physiology of cellular organelles, cellular metabolism, reproduction, motility, gene function and related topics. Beginning spring 2005, students must enroll in both lecture (190) and lab (190L) to receive credit. Note: BIOL 190/190L plus BIOL 191/191L transfers to UNR as fulfilling BIOL 190, 191 and 192.		
BIOL 190L	INTRO TO CELL AND MOLECULAR BIOLOGY LAB	01.0
<i>Prerequisite:</i> CHEM 121.		
See BIOL 190 for description.		
BIOL 191	INTRODUCTION TO ORGANISMAL BIOLOGY	03.0
<i>Prerequisite:</i> BIOL 190.		
Combines the principles of botany and zoology into one course emphasizing levels of organization and life processes common to all organisms. Topics range from nutrient processing and homeostasis to reproduction. Beginning spring 2005, students must enroll in both lecture (191) and lab (191L) to receive credit. Note: BIOL 190/190L plus BIOL 191/191L transfers to UNR as fulfilling BIOL 190, 191 and 192.		
BIOL 191L	INTRO TO ORGANISMAL BIOLOGY LAB	01.0
<i>Prerequisite:</i> BIOL 190/190L.		
See BIOL 191 for description.		
BIOL 198B	SPECIAL TOPICS IN BIOLOGY	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
BIOL 200	ELEMENTS OF HUMAN ANATOMY AND PHYSIOLOGY	03.0
<i>Prerequisite:</i> None		
Provides students with an overview of anatomy and physiology with related, illustrative pathology and microbiology. Formerly BIOL 123B.		
BIOL 201	GENERAL ZOOLOGY	04.0
<i>Prerequisite:</i> BIOL 190.		
An introduction to the classification, structure, and function of major animal Phyla with an emphasis on the evolutionary relationships among major groups. Three hours of lecture and three hours of laboratory per week.		
BIOL 223	HUMAN ANATOMY AND PHYSIOLOGY I	04.0
<i>Prerequisite:</i> BIOL 190 or equivalent.		
An intensive laboratory course dealing with the morphology and physiology of body systems. Basic histology is covered along with the following body systems: integumentary, skeletal, muscular and nervous. Principles of chemistry are used throughout the semester. Required for most allied health programs. Three hours of lecture and three hours of lab per week. This course transfers for four credits to UNR, UNLV, and NSC.		
BIOL 224	HUMAN ANATOMY AND PHYSIOLOGY II	04.0
<i>Prerequisite:</i> BIOL 223 with a letter grade of 'C' or better is required.		
A continuation of BIOL 223 with increased emphasis on body chemistry. Body systems covered include circulatory, respiratory, digestive, reproductive, urinary, endocrine, lymphatic and immune. Required for most allied health programs. Three hours of lecture and three hours lab per week. May not be taken prior to or concurrently with BIOL 223. This course transfers for four credits to UNR, UNLV, and NSC.		
BIOL 251	GENERAL MICROBIOLOGY	04.0
<i>Prerequisite:</i> BIOL 190.		
A general course emphasizing distribution, morphology and physiology of microorganisms in addition to skills in aseptic procedures, isolation and identification. This course also includes sophomore level material covering immunology, virology, epidemiology and DNA technology. Recommended for all allied health students. Three hours lecture and four hours lab per week.		
BIOL 290B	INTERNSHIP IN BIOLOGY	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits.		
BIOL 299	SPECIAL TOPICS IN BIOLOGY	01.0-03.0
<i>Prerequisite:</i> BIOL 100 or higher, ENV 100 or higher.		
Covers selected topics of interest to students in the biological sciences. May be repeated for up to four credits.		

BUILDING INSPECTION

BI 101B	INTRODUCTION TO BUILDING CODES	03.0
<i>Prerequisite:</i> None		
A basic course designed to introduce current building codes, with emphasis placed on the development and proper use of the code. Students will learn the format of the building code and develop an understanding of the provisions contained therein. Formerly CONS 103.		
BI 103B	INTRODUCTION TO PLUMBING CODES	02.0
<i>Prerequisite:</i> None		
A basic course designed as an overview of the principles of plumbing sizing and code requirements for water distribution, sewer waste and vent, fixtures, special wastes, gas piping, fittings and water heaters. Formerly CONS 133.		
BI 131B	BUILDING CODE II	03.0
<i>Prerequisite:</i> BI 101B (formerly CONS 103).		
A comprehensive nonstructural problem solving course based upon the current building codes. Emphasis is placed upon mixed occupancy classifications, allowable area increases, types of construction, exiting criteria and fire-resistive standards. Formerly CONS 106.		

BUSINESS

BUS 101	INTRODUCTION TO BUSINESS	03.0
<i>Prerequisite:</i> None		
Survey course designed to give students a broad introduction to the principles, practices and functions of businesses as they are practiced in both the national and global economies. Relevance will be provided through research and Internet projects and assignments. Topics to be covered include management, marketing, finance, investments, and various other areas such as international business, small business, and ethics. All BUS 101 students must take the English assessment test before enrolling. Students must bring their placement test report to the first class meeting. Attendance beyond the first class is subject to instructor approval. This course transfers to UNR as MGRS 101 and is acceptable as a business elective in the 2+2 program.		
BUS 106	BUSINESS ENGLISH	03.0
<i>Prerequisite:</i> Qualifying Accuplacer, ACT/SAT test results.		
If scores are below the minimum required, it is recommended that the student take ENG 081C , Basic Skills in Reading (formerly ENG 081) as a pre/co requisite to BUS 106. This course in practical business English includes principles of grammar, punctuation, and word usage, paragraph development and formatting of basic business correspondence. The English language is constantly changing and this course will reflect leading-edge practices in use in the business community.		
BUS 107	BUSINESS SPEECH COMMUNICATIONS	03.0
<i>Prerequisite:</i> None		
This course provides business students and career professionals with intensive coaching in listening skills, oral grammar and effective speech construction. Students will practice delivering a variety of individual and small group presentations necessary to successful on-the-job communications.		
BUS 108	BUSINESS LETTERS AND REPORTS	03.0
<i>Prerequisite:</i> BUS 106, ENG 090 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Improve letter and report writing skills, proper word choice, letter tone, structuring through units. Emphasis on inductive and deductive business letters, memorandums, and reports. This course is transferable as a general elective to UNR.		
BUS 112B	CUSTOMER SVC COMM FOR HOSPITALITY INDUST	01.0
<i>Prerequisite:</i> BUS 107 or public speaking class.		
Students learn techniques used to provide quality customer service to each hotel guest. Successful quality assurance programs at major hotel and tourism attractions are reviewed and modeled. The critical skills necessary for effective business communication are studied, including delivery of presentations which incorporate verbal and non-verbal techniques.		
BUS 117B	APPLIED BUSINESS MATH	03.0
<i>Prerequisite:</i> MATH 095 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
This course is designed to help current and potential business decision makers solve problems that routinely cause businesses to fail. A practical application of business mathematics, including but not limited to: bank reconciliation's, present value, markup and markdowns, simple and compound interest, trade and cash discounts, sales and property taxes, payroll, understanding overhead and analyzing financial reports.		
BUS 150B	PERSONAL FINANCE	03.0
<i>Prerequisite:</i> None		
Introductory course in personal finance planning. Topic areas include: budgeting, spending, credit, investments, insurance, saving, retirement planning, interest and banking. Recommended for all students.		
BUS 152B	SMALL BUSINESS: HOW DO I START ONE	03.0
<i>Prerequisite:</i> None		
This is a nuts-and-bolts course on how to start your own small business. It covers the who, what, why, where, when, and how of beginning the small venture. Topics include making the decision; acquiring the capital; setting up the records; finding the location; hiring the employees; paying the taxes; and using agencies and other resources for information. Students will have the opportunity to prepare a small business plan, and interview successful entrepreneurs.		

BUSINESS

BUS 198B	SPECIAL TOPICS IN BUSINESS	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
BUS 272	LEGAL ENVIRONMENT	03.0
<i>Prerequisite:</i> None		
Course covers the legal environment topics that managers frequently deal with, along with ethical, political and economic considerations as they affect business organizations.		
BUS 290B	INTERNSHIP IN BUSINESS	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on a basis of 75 hours of internship for one credit. May be repeated for up to eight credits.		

CARPENTRY TRADES

CPTR 091	CARPENTRY TRADES FOUNDATION I	02.0
<i>Prerequisite:</i> None		
This course introduces students to basic skills required for residential and commercial carpentry in the construction industry.		
CPTR 092	CARPENTRY TRADES FOUNDATION II	02.0
<i>Prerequisite:</i> None		
This course is a continuation of CPTR 091. Students will learn intermediate skills in carpentry for use in residential and commercial construction.		

CHEMISTRY

CHEM 100	MOLECULES AND LIFE IN THE MODERN WORLD	03.0
<i>Prerequisite:</i> MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
A course for students with no science and/or math background. A general introduction into selected topics in inorganic and organic chemistry. Four laboratory experiences are required through the course period.		
CHEM 104	BASIC CHEMISTRY	05.0
<i>Prerequisite:</i> MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
An introductory course in chemistry, including such topics as chemical problem solving, classification of matter, atomic and molecular weights, the mole concept, the periodic table, chemical symbols and equations, atomic structure, chemical bonding and solution chemistry. A review of math for chemistry is included. Three hours lecture and three hours lab per week.		
CHEM 107B	ANALYTICAL CHEMISTRY FOR TECHNICIANS I	05.0
<i>Prerequisite:</i> See department.		
An introduction to quantitative chemical analysis, which includes gravimetric and titrimetric analysis, and an introduction to instrumental analysis, topics in chemical equilibrium, oxidation-reduction chemistry and potentiometry. The application of microcomputers to data acquisition and management is included. Three hours lecture and three hours lab per week.		
CHEM 108B	ANALYTICAL CHEMISTRY FOR TECHNICIANS II	05.0
<i>Prerequisite:</i> CHEM 107B.		
Continuation of the study of quantitative analysis, emphasizing instrumental analysis. Techniques covered include molecular and atomic spectroscopy, fluorometry, gas chromatography and high pressure liquid chromatography. The application of microcomputer		
CHEM 121	GENERAL CHEMISTRY I	04.0
<i>Prerequisite:</i> MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Fundamental principles of chemistry and the properties and uses of the common nonmetallic elements. Formerly CHEM 101.		
CHEM 121R	GENERAL CHEMISTRY WITH RECITATION I	05.0
<i>Prerequisite:</i> MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Fundamental principles of chemistry and the properties and uses of the common nonmetallic elements.		
CHEM 122	GENERAL CHEMISTRY II	04.0
<i>Prerequisite:</i> CHEM 121 (formerly CHEM 101) or CHEM 121R, MATH 126 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Fundamental principles of chemistry, properties and uses of the common metals, their compounds, elementary chemistry of carbon, and introductory qualitative and quantitative analysis. Formerly CHEM 102.		
CHEM 122R	GENERAL CHEMISTRY WITH RECITATION II	05.0
<i>Prerequisite:</i> CHEM 121 (formerly CHEM 101) or CHEM 121R, MATH 126 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Fundamental principles of chemistry, properties and uses of the common metals, their compounds, elementary chemistry of carbon, and introductory qualitative and quantitative analysis.		

CHEMISTRY

CHEM 198B	SPECIAL TOPICS IN CHEMISTRY	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
CHEM 201	GENERAL CHEMISTRY FOR SCIENTISTS AND ENGINEERS	04.0
<i>Prerequisite:</i> Co-requisite or prerequisite MATH 181 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Fundamental principles of chemistry including stoichiometry, atomic structure, periodic table, chemical bonding, molecular structure, kinetic theory of gases, gas laws, solutions, colligative properties, equilibrium and electrochemistry. Credit allowed for only one of the following: CHEM 101 or 201.		
CHEM 202	GENERAL CHEMISTRY FOR SCIENTISTS AND ENGINEERS II	04.0
<i>Prerequisite:</i> CHEM 121 or 201 with a grade of 'B' or better and MATH 181.		
Principles of chemistry including thermodynamics, electrochemistry, chemical kinetics, nuclear chemistry, metals and non-metals, coordination compounds, and properties of inorganic, organic and biological molecules. Credit allowed in only one of CHEM 122 or 202.		
CHEM 220	INTRODUCTORY ORGANIC CHEMISTRY	04.0
<i>Prerequisite:</i> CHEM 121 (formerly CHEM 101). CHEM 122 recommended.		
A laboratory course which acquaints students with some of the fundamental principles of carbon chemistry and biological chemistry. Formerly CHEM 142.		
CHEM 241	ORGANIC CHEMISTRY I	03.0
<i>Prerequisite:</i> CHEM 122 or 202.		
Intensive introduction to the chemistry of carbon and its functional groups, including the structure and behavior of its molecules.		
CHEM 241L	ORGANIC CHEMISTRY FOR LIFE SCIENCES LAB I	01.0
<i>Prerequisite:</i> Pre or corequisite: CHEM 241.		
Laboratory exercises in introductory organic chemistry. Stereo chemistry, separation and purification techniques, micro-scale organic reaction procedures.		
CHEM 242	ORGANIC CHEMISTRY II	03.0
<i>Prerequisite:</i> CHEM 241.		
Continuation of CHEM 241, covering simple and polyfunctional compounds, with emphasis on synthesis of organic molecules.		
CHEM 242L	ORGANIC CHEMISTRY FOR LIFE SCIENCES LAB II	01.0
<i>Prerequisite:</i> Pre or corequisite: CHEM 242		
Laboratory exercises in intermediate organic chemistry with continued emphasis on micro-scale organic reaction procedures. Introduction to the identification of organic compounds using chemical and instrumental means (qualitative analysis).		
CHEM 290B	INTERNSHIP IN CHEMISTRY	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. This course may be repeated for up to eight credits.		

CISCO

CSCO 120	CISCO NETWORKING ACADEMIES I	05.0
<i>Prerequisite:</i> None		
Networking Basics is the first of four courses leading to the Cisco Certified Network Associate (CCNA) certification. CCNA 1 introduces Cisco Networking Academy Program students to the networking field. The course focuses on network terminology and protocols, local-area networks (LANs), wide-area networks (WANs), Open System Interconnection (OSI) models, cabling, cabling tools, routers, router programming, Ethernet, Internet Protocol (IP) addressing, and network standards. Formerly CIT 113.		
CSCO 121	CISCO NETWORKING ACADEMIES II	05.0
<i>Prerequisite:</i> CSCO 120.		
CCNA 2: Routers and Routing Basics is the second of four CCNA courses leading to the Cisco Certified Network Associate (CCNA) designation. CCNA 2 focuses on initial router configuration, Cisco IOS Software management, routing protocol configurations, TCP/IP, and access control lists (ACLs). Students will develop skills on how to configure a router, managing Cisco IOS Software, configuring routing protocol on routers, and set the access lists to control the access to routers. Formerly CIT 114.		
CSCO 220	CISCO NETWORKING ACADEMIES III	05.0
<i>Prerequisite:</i> CSCO 120 and 121.		
CCNA 3 - Switching Basics and Intermediate Routing v3.0 is the third of four courses leading to the Cisco Certified Network Associate (CCNA) designation. The course focuses on advanced IP addressing techniques (Variable Length Subnet Masking [VLSM]), intermediate routing protocols (RIP v2, single-area OSPF, EIGRP), command-line interface configuration of switches, Ethernet switching, Virtual LANs (VLANs), Spanning Tree Protocol (STP), and VLAN Trunking Protocol (VTP). Particular emphasis is given to students being able to demonstrate the ability to apply learning's from CCNA 1 and 2 to a network and to be able to explain how and why a particular strategy is employed. Formerly CIT 213.		

CISCO

CSCO 221	CISCO NETWORKING ACADEMIES IV	05.0
<i>Prerequisite:</i> CSCO 220.		
CCNA 4: WAN Technologies is the last of four courses leading to the Cisco Certified Network Associate (CCNA) designation. The course focuses on advanced IP addressing techniques (Network Address Translation [NAT], Port Address Translation [PAT], and DHCP), WAN technology and terminology, PPP, ISDN, DDR, Frame Relay, network management, and introduction to optical networking. Particular emphasis is given to students being able to demonstrate the ability to apply knowledge from CCNA 1, CCNA 2, and CCNA 3 to a network and to be able to explain how and why a particular strategy is employed. In addition, the student will prepare for taking the CCNA Exam. Formerly CIT 221.		
CSCO 280	ADVANCED ROUTING	05.0
<i>Prerequisite:</i> CSCO 221 or CCNA certification.		
The course provides the learner with in-depth information on interior and exterior gateway protocols used in medium to large network sites. The course covers routing principles of both distance vector and link-state routing protocols; IP addressing techniques; the theory behind the EIGRP, OSPF, IS-IS, and BGP routing protocols; and configuration and troubleshooting information for each protocol. Upon successful completion of this course, the learner will be able to select and implement the appropriate services required to build a scalable, routed network. This course is recommended preparation for the Building Scalable Cisco Internetworks exam required to become a Cisco Certified Network Professional (CCNP).		
CSCO 281	REMOTE ACCESS	05.0
<i>Prerequisite:</i> CSCO 280.		
In this course, students will learn how to build, configure and troubleshoot a remote access network to interconnect central sites to branch offices and home offices. Students learn how to control access to the central site, as well as to maximize bandwidth utilization over remote links. This course is recommended preparation for the Remote Access exam required to become a Cisco Certified Network Professional (CCNP).		
CSCO 282	MULTI-LAYER SWITCHING	05.0
<i>Prerequisite:</i> CSCO 281.		
In this course, students learn how to build campus networks using multi-layer switching technologies over high speed Ethernet. This course includes both routing and switching concepts, covering both Layer 2 and Layer 3 technologies. This course is recommended preparation for the Multi-layer Switching exam required to become a Cisco Certified Network Professional (CCNP).		
CSCO 283	INTERNETWORK TROUBLESHOOTING	05.0
<i>Prerequisite:</i> CSCO 282.		
In this course, students learn how to baseline and troubleshoot an environment using Cisco routers and switches for multi-protocol client hosts and servers connected with Ethernet and Fast Ethernet LANs, and Serial, Frame Relay, and ISDN BRI WANs. The course provides students with methodical practice using specific Cisco IOS software and Catalyst software tools to diagnose and correct problems on widely installed Cisco products. This course is recommended preparation for the Internetwork Troubleshooting exam required to become a Cisco Certified Network Professional (CCNP).		

COMMUNICATIONS

COM 113	FUNDAMENTALS OF SPEECH I	03.0
<i>Prerequisite:</i> None		
Study of theories and principles of speech with participation in public speaking and interpersonal communication activities. Formerly SPTH/SPCM 113.		
COM 135	GROUP COMMUNICATIONS	03.0
<i>Prerequisite:</i> None		
An introductory course in communication as it functions within small task groups. Emphasis is on observation and analysis of actual small group behavior and on improvement of communication skills within the small group setting. Topics covered include leadership, conflict, norms, role structure, cohesiveness and decision-making. Course stresses student involvement in exercises, discussions and group projects. Formerly SPTH/SPCM 135.		
COM 285	COMMUNICATION DISABILITIES AND FILM	03.0
<i>Prerequisite:</i> None		
This course will cover popular films and their portrayal of individuals with communication disabilities, including how those portrayals promote both negative and positive images and how these images influence public perception of those with communication disabilities. The realities of communication disabilities will also be discussed. This course satisfies TMCC's diversity requirement.		

COMPUTER AIDED DRAFTING AND DESIGN

CADD 100	INTRODUCTION TO COMPUTER-AIDED DRAFTING	03.0-04.0
<i>Prerequisite:</i> DFT 100 prior to or concurrent with CADD 100.		
Introduction to the basic capabilities of a Computer Aided Drafting (CAD) system. Includes appropriate terminology, basic system design, typical hardware and software and applicable commands. Students will draw and solve drafting problems on a CAD system. Formerly DFT 131.		

COMPUTER AIDED DRAFTING AND DESIGN

CADD 105	INTERMEDIATE COMPUTER-AIDED DRAFTING	03.0-04.0
<i>Prerequisite:</i> CADD 100.		
Continuation of CADD 100 (formerly DFT 131). The course will cover advanced 2-D CAD operations. Student will draw and solve graphic problems on a CAD system. Formerly DFT 133.		
CADD 140	TECHNICAL DRAFTING I	03.0-04.0
<i>Prerequisite:</i> DFT 100 or CADD 100 or approval of instructor.		
This course covers perception theories, lettering, geometric, orthographic, sketching, sectioning, auxiliary, dimensioning and pictorial problems. Formerly DFT 102.		
CADD 141B	TECHNICAL DRAFTING II	03.0-04.0
<i>Prerequisite:</i> CADD 140 or approval of instructor.		
A continuation of CADD 140 (formerly DFT 102). Introduction of revolutions, developments, threads fasteners, springs and gears. Formerly DFT 103B.		
CADD 142B	TECHNICAL DRAFTING III	03.0-04.0
<i>Prerequisite:</i> CADD 140.		
This advanced drafting course introduces the student to the elements of descriptive geometry and electronic drafting.		
CADD 198B	SPECIAL TOPICS IN CADD	01.0-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits. Formerly DFT 198B.		
CADD 200	ADVANCED COMPUTER AIDED DRAFTING	03.0-04.0
<i>Prerequisite:</i> CADD 140 and 105.		
An advanced course providing instruction and skill development on advanced features of AutoCAD. Emphasis will be on bonus toolbars, batch plotting, geometric tolerancing, URL embedment, WWW exchange with DWF, wire frame modeling and an introduction to solids. Formerly DFT 230.		
CADD 210B	CADD PROJECT	03.0-04.0
<i>Prerequisite:</i> CADD 140 and 100.		
Each student will complete a project that will increase his/her CAD skills. Formerly DFT 231.		
CADD 245	SOLID MODELING AND PARAMETRIC DESIGN	03.0-04.0
<i>Prerequisite:</i> CADD 100 and 105.		
This course will introduce the student to 3D and solid modeling on a CAD system. Students will draw and solve graphic problems on a CAD system. Formerly DFT 233.		
CADD 250	CAD SYSTEM MANAGEMENT	03.0-04.0
<i>Prerequisite:</i> CADD 100 and 105.		
A course to assist the students who have an interest in developing CAD organizational skills in the professional office. These skills include but are not limited to management, training, investigation, procurement, troubleshooting and implementing of CAD systems. This course will also deal with the responsibilities of the CAD system manager. Formerly DFT 232.		
CADD 255	CAD CUSTOMIZATION I	03.0-04.0
<i>Prerequisite:</i> CADD 100 and 105.		
A basic course in customizing AutoCAD software. By using lecture as well as hands-on exercises, you will learn how to make AutoCAD more efficient and productive on an individual basis (screen appearance, pull-down menus, accelerator keys, tool bar groups and dialog boxes). Formerly DFT 235.		
CADD 256	CAD CUSTOMIZATION II	03.0-04.0
<i>Prerequisite:</i> CADD 100 and 105.		
A basic course in customizing AutoCAD software. By using lecture as well as hands-on exercises, you will learn how to make AutoCAD more efficient and productive on an individual basis (tablet menus, line types, multi-line types, hatch patterns, intro to autolisp and script files). Formerly DFT 236.		
CADD 290B	INTERNSHIP IN CADD	01.0-06.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge and skills to real on- the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed most Core and Major requirements and have a 2.5 G.P.A. Contact the instructor for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 75 hours of internship for 1 credit. May be repeated for up to 6 credits. Formerly DFT 290B.		
CADD 295B	INDEPENDENT STUDY	03.0-06.0
<i>Prerequisite:</i> Instructor's approval.		
This course is designed for the student who has a particular interest in drafting and wants to concentrate in that area. This is a contractual course. Formerly DFT 225B.		
CADD 299B	CAPSTONE/ASSESSMENT	01.0-03.0
<i>Prerequisite:</i> None		
This course will be a final assessment of each student and determine their preparedness for job marketability. Each student will write a resume, develop a portfolio, demonstrate growth on the program post-test and apply for graduation. Formerly DFT 299B.		

COMPUTER AND OFFICE TECH

COT 101B	COMPUTER KEYBOARDING I	01.0-03.0
<i>Prerequisite:</i> None		
This course involves developing basic skills for touch typing keyboard proficiency on computers. Elementary word processing functions are introduced. Development of speed and accuracy skills are an integral part of this course. Basic computer operations are introduced for using the keyboarding software. Formerly COT 100B and BTO 100B.		
COT 110B	BUSINESS MACHINES	03.0
<i>Prerequisite:</i> None		
This course develops skills using electronic printing calculators. The skills are applied to business math problems which include: touch addition of whole numbers, multiplication, division, fractions and decimals, percentages, markdown and markup, interest, payrolls, and installment buying. Formerly OA 116B, COT 110B and BTO 118B.		
COT 114B	GENERAL MEDICAL OFFICE BILLING	03.0
<i>Prerequisite:</i> None		
This course provides business students and medical office staff with the fundamental office procedures for the medical front office. The course includes a comprehensive overview of medical front office skills including office communication, filing, scheduling, health insurance and basic accounting techniques. Formerly COT 125 and BTO 114B.		
COT 115B	COMPUTERIZED MEDICAL OFFICE BILLING	03.0
<i>Prerequisite:</i> COT 150 or COT 151.		
This course provides business students and medical office staff with the more advanced procedures required in the medical office setting. Introduction to computerized scheduling, coding principles required to bill third party carriers including State and Federal Programs. Also, tracking non-paid claims, producing monthly reports and various other technical components. This course is competency based and students will be graded on demonstrated skills. Formerly COT 213 and BTO 115B.		
COT 122B	MEDICAL TYPING AND TRANSCRIPTION	01.0-04.0
<i>Prerequisite:</i> COT 150 or 151, NURS 140 and typing speed of 45 wpm.		
Medical transcription is a hands-on course designed to develop the skill of listening to cassette tapes containing physician dictation of medical reports and transcribing the material directly into correct and accurate medical record formats. The word processing program preferred by most medical transcriptionists is WordPerfect, but Microsoft Word is also available on the classroom computers. Formerly COT 121 and BTO 116B.		
COT 130	LEGAL SECRETARIAL TRAINING I	03.0
<i>Prerequisite:</i> None		
This course includes a variety of work relating to the duties and responsibilities of a legal secretary. Topics include: legal office procedures, written communication, document preparation (both litigation and non-litigation), general litigation, and introduction to the law library. Formerly OA 147.		
COT 150	INTRODUCTION TO WordPerfect	01.0-03.0
<i>Prerequisite:</i> None		
A hands-on computer course designed to teach students the basic functions of WordPerfect. Topics include: creating, editing, saving, and printing documents. Covering these topics includes special features such as blocking, search-and-replace, headers and footers, footnotes, spell and thesaurus utilities, merging, and macros. Variable credit based on current course schedule. Recommend 40 WPM minimum typing speed. Formerly WP 215.		
COT 151	INTRO TO MICROSOFT WORD	03.0
<i>Prerequisite:</i> Recommended typing speed of 40 wpm.		
Microsoft Word for Windows is a powerful word processing package that produces documents and handles a large number of routine tasks with ease. This beginning course is designed for people who are at a basic entry level and want to learn a general overview of the program as well as be productive with simple tasks. Document creation, editing, saving and retrieving files, printing, spell checking, formatting, search and replace, thesaurus, and special effects will be covered.		
COT 198B	SPECIAL TOPICS IN COT	00.5-06.0
<i>Prerequisite:</i> Various skills recommended depending on the course content.		
Various short courses and experimental classes covering a variety of subjects. The course will be variable credit of one-half to six depending on the course content and number of hours required. This course may be repeated for up to six credits. Formerly CIS/OA/WP 198B.		
COT 202B	INTRODUCTION TO COMPUTER APPLICATIONS	03.0
<i>Prerequisite:</i> None		
This course introduces students to current integrated office productivity applications. It helps students build important skills in word processing, spreadsheets, databases, and presentation applications. Students will also be introduced to the basic functions of a personal computer operating system. Formerly CSC 101, CIS 101, CIS 202, COT 202. Added "B" effective fall 2002.		
COT 204	USING WINDOWS	01.0-03.0
<i>Prerequisite:</i> None		
This course will cover how the Windows Graphic User Interface is used, how to customize Windows and how to use the various accessories and parts of the Windows program. Formerly CIS 204B.		

COMPUTER AND OFFICE TECH

COT 207B	BUSINESS APPLICATIONS ON THE INTERNET	03.0
<i>Prerequisite:</i> IS 101 or the equivalent.		
This course will cover the use of the internet for business and entrepreneurial purposes. Topics include integration of the Microsoft Office Suite with the World Wide Web, daily basic business practices online, and intranet/internet site development.		
COT 217	OFFICE PUBLICATIONS	01.0-03.0
<i>Prerequisite:</i> IS 101 or equivalent.		
This course introduces students to basic techniques of desktop publishing and Web page publishing in an office. Students will learn how to plan and design a publication, format text, work with art, use styles, and work with multiple pages. The course will also cover the creation and maintenance of simple Web sites, including using links, tables, frames, and forms.		
COT 290B	INTERNSHIP IN COMPUTER/OFFICE TECHNOLOGY	01.0-06.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge and skills to real on- the-job situations in A program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed most Core and Major requirements and have A 2.5 G.P.A. Contact the instructor for the application, screening, and required skills evaluation. Up to six semester hour credits may be earned on the basis of 75 hours of internship for one credit. This course may be repeated for up to six credits.		
COT 299B	INDEPENDENT STUDY	01.0-06.0
<i>Prerequisite:</i> Written permission of a full time instructor.		
The student will do a special project involving the analysis and design of a computer system and/or special projects in programming. This course may be used to satisfy Computer Office Technology major requirements, for a second semester of programming language or for COT 284 Theory of System Analysis and Design or a special project or study in the area of office administration, depending upon the nature of the special projects chosen by the students. This course may be repeated for up to six credits. Formerly CIS/OA 299B.		

COMPUTER INFORMATION TECH

CIT 110	A+ Hardware	03.0
<i>Prerequisite:</i> None		
This course prepares students to troubleshoot and repair microcomputer systems and their peripherals. It also provides the knowledge and skills required to pass the Computing Technology Industry Association (CompTIA) A+ Core Exam and become a certified computer service technician. Formerly CIT 111.		
CIT 111	A+ SOFTWARE	03.0
<i>Prerequisite:</i> None		
A comprehensive overview of the primary operating systems used on PCs, including DOS and Windows. Defines utilities, memory management, file organization and management, troubleshooting, diagnosis and system maintenance using the operating system. This course prepares the student to take and pass the Comp-TIA A+ certification DOS/Windows module test. Formerly COT 205 and CIT 112.		
CIT 130	BEGINNING JAVA	03.0
<i>Prerequisite:</i> IS 115 or previous programming and instructor approval.		
Java is a general-purpose, object-oriented programming language best known for, but not limited to, creating applets to run on the Internet. This course will include applet creation, but the primary emphasis will be on general purpose object-oriented programming. Formerly CIT 152.		
CIT 131	BEGINNING C PROGRAMMING	03.0
<i>Prerequisite:</i> IS 115 (formerly CIT 115).		
This is an introductory course designed for students interested in pursuing a scientific or engineering degree. Students will study the C Programming language. Topics covered include computer organization, language and data structures, and technical computer applications. Formerly COT 243 AND CIT 133.		
CIT 132	BEGINNING VISUAL BASIC	03.0
<i>Prerequisite:</i> IS 115.		
In-depth study of the Visual BASIC computer programming language as used for writing business oriented applications. Current development environments will be used to write and debug programs. Formerly COT 245 and CIT 121.		
CIT 133	BEGINNING C++	03.0
<i>Prerequisite:</i> IS 115. Prior programming experience in C is helpful, prior programming experience is highly recommended.		
This course is designed to provide students with a basic introduction to object-oriented programming using the C++ language as a platform. Topics covered include an introduction to the C++ language and the concepts for object-oriented programming such as classes, objects, data abstraction, data hiding, instantiation, inheritance, polymorphism and overloading. The object-oriented approach will also be compared and contrasted with the more traditional procedure-oriented approach to programming. Formerly COT 255 and CIT 131.		
CIT 151	BEGINNING WEB DEVELOPMENT	03.0
<i>Prerequisite:</i> IS 101 or Instructor's approval.		
This course introduces students to HTML code and Web page design. Topics cover creating and managing a Web site and designing Web pages, including tables, frames and forms. Students will also learn to enhance Web pages with Cascading Style Sheets, JavaScript and multimedia. No prior HTML experience is necessary.		

COMPUTER INFORMATION TECH

CIT 152	WEB SCRIPT LANGUAGE PROGRAMMING	03.0
<i>Prerequisite:</i> CIT 151.		
This course concentrates on client-side scripting. Client-side technologies are used to validate form data, as well as to provide ways of interacting with visitors. This class builds upon the information presented in CIT 151-Beginning Web Development (HTML and JavaScript), and will also provide an introduction to server-side scripting. Formerly CIT 152B *.		
CIT 153	BEGINNING PERL	03.0
<i>Prerequisite:</i> IS 115.		
Perl is an interpreted language optimized for scanning arbitrary text files, extracting information from those text files and printing reports based on that information. Perl is the de facto programming language for dynamic HTML web pages, Common Gateway Interface (CGI) programming, system administration and text processing. This course will introduce programming in Perl.		
CIT 171	INTRODUCTION TO THE UNIX OPERATING SYSTEM	03.0
<i>Prerequisite:</i> None		
Fundamentals of UNIX teaches you how to use the UNIX operating system and introduces you to the Common Desktop Environment (CDE). The class is for new users of the UNIX environment and CDE. You will learn fundamental command-line features of the UNIX environment including file system navigation, file permissions, the vi text editor, command shells, and basic network use.		
CIT 172	UNIX SYSTEMS ADMINISTRATION	03.0
<i>Prerequisite:</i> CIT 171.		
The UNIX Operating Environment System Administration I course provides students with the necessary knowledge and skills to perform essential system administration tasks in the UNIX Operating Environment. This class uses the Solaris UNIX Operating Environment.		
CIT 173	LINUX INSTALLATION AND CONFIGURATION	03.0
<i>Prerequisite:</i> CIT 171.		
This class prepares the student for the vendor neutral Sair/GNU Linux Level I, Installation and Configuration exam (3x0-101). This first level concentrates on the areas of expertise that must be mastered to become a Linux Certified Administrator.		
CIT 174	LINUX SYSTEM ADMINISTRATION	03.0
<i>Prerequisite:</i> CIT 171.		
This is the second course in the Sair Linux Certification program that prepares the student for the vendor neutral Sair/GNU Linux System Administration exam (3x0-102). This level concentrates on the areas of expertise that must be mastered to administer Linux systems and networks. Passing either Installation & Configuration exam or the System Administration exam will earn the student a LCP certificate. Passing all four tests will earn the LCA certificate.		
CIT 180	DATABASE CONCEPTS AND SQL	03.0
<i>Prerequisite:</i> IS 115 or equivalent.		
This class is targeted for people with little or no SQL knowledge. The objective of this course is to familiarize students with the database concepts that they will need to be effective programmers. Although this course utilizes MySQL because of its open source nature, the topics presented in this course are fundamental and should apply to all relational databases. Course accents hands-on learning in a Structured Query Language (SQL) and SQL procedures.		
CIT 181	INTRODUCTION TO ORACLE	03.0
<i>Prerequisite:</i> Suggested prerequisite: IS 201 strongly recommended.		
This course introduces students to developing a relational database using the Oracle database management system. Students will learn syntax or Structured Query Language (SQL) and use it to interact with a client/server database system. Topics include creating and modifying tables, retrieving and maintaining data, calculations, subqueries, user management, and PL/SQL blocks. Students should have a basic understanding of database design before enrolling in this course.		
CIT 198B	SPECIAL TOPICS IN CIT	01.0-06.0
<i>Prerequisite:</i> Various skills will be recommended, depending upon course content.		
Various short courses and experimental classes covering a variety of subjects in the general Computer and Information Technology area. This class will have variable credit of 1 to 6 depending on the course content and number of contact hours required. This course may be repeated for up to six credits.		
CIT 200	COMPUTER TROUBLESHOOTING FOR TEACHERS	01.0
<i>Prerequisite:</i> None		
This course covers the basic concepts of upgrading and troubleshooting computer systems in a classroom environment. Students will work in a hands-on lab environment to gain the ability to diagnose computer problems that typically occur in a classroom and perform basic repairs and upgrades to computer hardware and software. Formerly CIT 210.		
CIT 201	WORD CERTIFICATION PREPARATION	01.0-03.0
<i>Prerequisite:</i> None		
This course is a Microsoft-approved study guide for the Microsoft Office Specialist certification program for Microsoft Word. Students will move from introductory concepts; such as creating, editing and formatting a document; to advanced topics including generating form letters, designing newsletters and developing Web pages. Formerly COT 161B. Repeatable up to 3 credits.		

COMPUTER INFORMATION TECH

CIT 202	EXCEL CERTIFICATION PREPARATION	01.0-03.0
<i>Prerequisite:</i> None		
This course is a Microsoft-approved study guide for the Microsoft Office User Specialist (MOUS) certification program for Excel 2002. Students will move from introductory concepts; such as cell references, formulas, functions and formatting to advanced topics including three-dimensional references, pivot tables, sharing workbooks, and exporting worksheets to the Internet. Formerly COT 162B. Repeatable up to 3 credits.		
CIT 203	ACCESS CERTIFICATION PREPARATION	01.0-03.0
<i>Prerequisite:</i> None		
This course is a Microsoft-approved study guide for the Microsoft Office Specialist certification program for Microsoft Access. Students will move from introductory concepts; such as creating tables, inserting records and building queries, to advanced topics including data validation, referential integrity, query filters, and action queries. Formerly COT 164B. Repeatable up to 3 credits.		
CIT 204	POWERPOINT CERTIFICATION PREPARATION	02.0
<i>Prerequisite:</i> None		
This course is a Microsoft-approved study guide for the Microsoft Office Specialist certification program for Microsoft PowerPoint. Students will move from introductory concepts; such as creating, editing and formatting presentations; to advanced topics including animating content, incorporating multimedia and deploying presentations as Web pages. Formerly COT 163B.		
CIT 209	USER SUPPORT SKILLS AND TECHNOLOGY	03.0
<i>Prerequisite:</i> CIT 110 and 111*.		
This course introduces students to the broad topics that user support specialists need in the computer-support industry. Topics include troubleshooting and problem solving, user needs assessment, documentation, training, system installation, and application support. Formerly CIT 209B.		
CIT 211	MCSE I	03.0-05.0
<i>Prerequisite:</i> Recommended: CIT 111* and CSCO 120.		
This course provides students with the knowledge and skills necessary to perform administration tasks in a peer to peer network or a workstation based system using Microsoft Windows. This course is suitable for people with no prior experience in system administration. Formerly CIT 161.		
CIT 212	MCSE II	03.0-05.0
<i>Prerequisite:</i> Recommended prerequisite: CIT 211.		
This course is intended for new-to-product support professionals who will be responsible for installing and configuring Microsoft Windows Server products and for those who are on the Microsoft Certified Systems Administrator (MCSA) or Microsoft Certified Systems Engineer (MCSE) certification tracks. It provides the knowledge and skills necessary to install and configure Windows Server products to create file, print and terminal servers.		
CIT 213	MCSE III	03.0-05.0
<i>Prerequisite:</i> Recommended prerequisite: CIT 211.		
This course is designed to provide support professionals with the infrastructure knowledge and skills necessary to install and configure the Microsoft Windows Server and Microsoft Windows workstation operating system products. Formerly CIT 162.		
CIT 214	MCSE IV	03.0-05.0
<i>Prerequisite:</i> Recommended corequisites: CIT 211 and 213*.		
This course is designed to provide students with the knowledge and skills necessary to install, configure, and administer Microsoft Windows server services. The course also focuses on implementing Group Policies and understanding the Group Policy tasks required to centrally manage users and computers. This course may be repeated. Formerly CIT 163.		
CIT 215	MCSE ELECTIVES	03.0-05.0
<i>Prerequisite:</i> Recommended prerequisite: CIT 213*.		
This course teaches a topic which is selected from Microsoft's Windows electives used in its certification programs. Topics will be selected based on current standards in computer networking and industry demands in training. Topics will include, but not be limited to, active directory design, infrastructure design, security design, SQL design, implementation and administration, SNA implementation, Exchange Server design, implementation and administration, Proxy Server design, implementation and administration, as well as implementation of new utilities and programs as developed. This course may be repeated under different topics up to 50 times.		
CIT 230	ADVANCED JAVA	03.0
<i>Prerequisite:</i> CIT 130.		
This course builds upon the foundation constructed in Beginning JAVA. Since JAVA works behind the scenes to power Internet applications, this class will focus more heavily upon application development with an emphasis on client-side and server-side techniques. Example topics include, but are not limited to, Swing, Collections, Multimedia, Networking, JDBC, Servlets and JSP, JavaBean and XML. Formerly CIT 252.		
CIT 231	ADVANCED C PROGRAMMING	03.0
<i>Prerequisite:</i> CIT 131* (formerly CIT 133).		
This is an advanced course in C programming. The course will involve both lecture and hands-on programming assignments. The course will cover advanced data types, structures, and applications. Programming assignments will utilize the DOS operating system interface computer applications. Formerly COT 244 and CIT 233.		

COMPUTER INFORMATION TECH

CIT 232	ADVANCED VISUAL BASIC	03.0
<i>Prerequisite:</i> CIT 132 or approval of the instructor.		
In-depth study of the advanced BASIC programming language concepts as used for writing business-oriented programs. Use of computers to enter, debug, and execute programs. Formerly COT 246 and CIT 222.		
CIT 233	ADVANCED C++	03.0
<i>Prerequisite:</i> CIT 133*.		
An advanced programming course using the C++ Programming language. This course covers advanced data structures and data types, advanced I/O, recursive functions/procedures, advanced functions and parameters, and object-oriented techniques and properties. Formerly COT 256 and CIT 231.		
CIT 251	ADVANCED WEB DEVELOPMENT	03.0
<i>Prerequisite:</i> CIT 151 or strong working knowledge of HTML and JavaScript.		
This course prepares students to use server-side web technologies. The course covers the concepts, design and basic coding of advanced web applications.		
CIT 255	WEB SERVER ADMINISTRATION I	03.0
<i>Prerequisite:</i> Strong working knowledge of a network operating system.		
This course prepares students to deal with web server administration tasks including security, performance, access and connectivity. Students will learn about the key issues involved in web server administration and effective strategies for dealing with those issues.		
CIT 257	WEB LANGUAGES	03.0
<i>Prerequisite:</i> CIT 152, 153, or instructor permission.		
This course explores a variety of emerging technologies that are used in sophisticated Web sites. Students will explore advanced Internet topics that may include dynamic Web site content, database integration, e-commerce, security, server-side configurations, scripting, common gateway interfaces and Web application development.		
CIT 260	SYSTEMS ANALYSIS AND DESIGN I	03.0
<i>Prerequisite:</i> CIT 111* and IS 115. Two semesters of programming languages recommended.		
Theory of information systems and their elements including system flow charts. Input/output specifications, program system testing, and other facets of a system analyst's responsibilities. Formerly COT 284 and CIT 250.		
CIT 290B	INTERNSHIP IN COMPUTER AND INFORMATION TECHNOLOGY	01.0-06.0
<i>Prerequisite:</i> Available to students who have completed most Core and Emphasis requirements and have a 2.5 GPA.		
Work and study in participating and approved business organizations. Department approval required before acceptance of student into course. Department review of student's activities and development on the job required. This class will have variable credit of one to six depending on the work hours required. This course may be repeated.		
CIT 298B	SPECIAL TOPICS IN CIT II	01.0-06.0
<i>Prerequisite:</i> Various skills will be recommended, depending upon course content.		
Various short courses and workshops covering a variety of subjects in the advanced general Computer and Information Technology area. This class will have variable credit of one to six depending on the course content and number of contact hours required. This course may be repeated for up to six credits.		
CIT 299B	INDEPENDENT STUDY IN CIT	01.0-06.0
<i>Prerequisite:</i> Available to students who have completed most Core and Emphasis requirements and have a 2.5 GPA. Written permission of a full-time instructor is required.		
The student will do a special project involving a subject or skill related to the CIT curriculum. The project will be designed with a faculty advisor. This class will have variable credit of one to six depending on the course content and number of contact hours required. This course may be repeated. It may be substitute for another course with special permission of the Division. This course may be repeated for up to six credits.		

COMPUTER SCIENCE

CS 135	COMPUTER SCIENCE I	03.0
<i>Prerequisite:</i> MATH 127 or satisfactory test placement into MATH 181.		
This course is an introduction to modern problem solving and programming methods. Emphasis is placed on algorithm development. A special focus will be on procedural and data abstraction, emphasizing design, testing, and documentation.		
CS 202	COMPUTER SCIENCE II	03.0
<i>Prerequisite:</i> CS 135 with a "C" or better.		
This course builds on the concepts of Computer Sciences I. Emphasis on problem solving and program development techniques. Typical numerical and non-numerical problems are examined. Design, implementation, and abstraction principles of elementary data structures are studied.		

CONSTRUCTION

CONS 101	INTRODUCTION TO CONSTRUCTION TECHNOLOGY	03.0
<i>Prerequisite:</i> None		
This course is designed to give students with the ambition of careers in the construction industry the foundation required to be successful in further study in all areas of the industry. Topics include: basic safety, basic math, introduction to hand tools, introduction to power tools, introduction to blueprints, basic rigging. This course may be repeated for up to six credits.		
CONS 120B	BLUEPRINT READING AND SPECIFICATION	03.0
<i>Prerequisite:</i> None		
A study of the fundamental language utilized in industrial drawing. Stresses the reading and interpretations of representative industrial blueprints. Formerly CONS 123B.		
CONS 121B	PRINCIPLES OF CONSTRUCTION ESTIMATING	03.0
<i>Prerequisite:</i> None		
This course is designed to give students, with career ambition in the construction industry, the foundational skills for estimating in the Construction Trades. More specific estimating in the specific trades will necessarily follow. Formerly CONS 104B.		
CONS 130B	CONSTRUCTION ELECTRICITY	03.0
<i>Prerequisite:</i> None		
A basic course in electrical theory and application with emphasis on alternating current. Areas of instruction include: basic principles; Ohm's Law; Kirchhoff's Law; symbols and abbreviations; series and parallel circuits; wiring techniques for commercial and residential structures with emphasis on wire size, grounding, connecting, fusing, load analysis, conduits and raceways and explosion proofing. Formerly CONS 121B.		
CONS 155B	ON-SITE CONSTRUCTION SUPERVISION	03.0
<i>Prerequisite:</i> None		
On-Site Supervision provides the basis for that education. It is a comprehensive, competency-based program that gives both veteran and new field managers a step by step approach to honing natural abilities, developing essential skills, and generally improving their performances as leaders. This course may be repeated for up to four credits. Formerly CONS 210B.		
CONS 198B	SPECIAL TOPICS IN CONSTRUCTION	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
CONS 205B	CONSTRUCTION SITE SAFETY	01.0-03.0
<i>Prerequisite:</i> None		
Safety Technician curriculum is designed for people experienced in the construction field, but who have little or no formal training. The attendees will have either been hired or are seeking an entry-level position as a Construction Safety Technician.		
CONS 211B	CONSTRUCTION COST CONTROL	03.0
<i>Prerequisite:</i> None		
This course is one of a series prepared for professional construction supervisors to help them become better supervisors. The instructor acts as a discussion stimulator and program guide in exposing the students to a variety of resources: workbooks with exercises, role-playing, case studies, critical incident studies, simulation, audio-tape presentation and testing. Topics include: the construction cycle, estimates, work and cost analysis, reporting and cost comparison, short interval production scheduling and production control.		
CONS 221	CONSTRUCTION ESTIMATING II	03.0
<i>Prerequisite:</i> CONS 130B.		
This is a continuation of CONS 121B R, Principles of Construction Estimating with an emphasis on more complex construction projects and the use of current industry computer applications.		
CONS 281B	CONSTRUCTION PLANNING SCHEDULING AND CONTROL	03.0
<i>Prerequisite:</i> AAD 125.		
The course will provide in-depth study of the purposes and uses of successful project planning. Topics will include pert and bar chart scheduling, short term schedule applications and critical path construction methods (CPM). Current computer applications will be studied.		
CONS 282B	CONSTRUCTION LAW	02.0-03.0
<i>Prerequisite:</i> None		
This course is one of a series prepared for professional construction supervisors to help them become better supervisors. The instructor acts as a discussion stimulator and program guide in exposing the students to a variety of resources: workbooks with exercises, role-playing, case studies, critical incident studies, simulation, audio-tape presentation and testing. Topics include: contracts, contract risk, changes and differing site conditions clauses, how to read a construction contract, negotiation, documentation, liens, bonds and closing out the job and case histories. Formerly CONS 212B.		
CONS 283B	CONSTRUCTION DOCUMENTS AND SPECIFICATIONS	02.0
<i>Prerequisite:</i> None		
This course is one of a series prepared for professional construction supervisors to help them become better supervisors. The instructor acts as a discussion stimulator and program guide in exposing the students to a variety of resources: workbooks with exercises, role-playing, case studies, critical incident studies, simulation, audio-tape presentation and testing. Topics include: using contract documents and drawings, integrating specifications and drawings, secondary documents, regulation and design standard documents, document information and construction decisions, the supervisor as agent of the contractor and peripheral documents. Formerly CONS 213B.		

CONSTRUCTION

- CONS 290B INTERNSHIP IN CONSTRUCTION** 01.0-08.0
Prerequisite: None
A course designed wherein students will apply knowledge to real on the job situations in a program designed by a company official and faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits.

COOPERATIVE EDUCATION

- CE 091 APPLIED TECH PRE-INTERNSHIP** 01.0-06.0
Prerequisite: None
Pre-internship courses offer students the opportunity to explore applied technologies in a closely supervised, hands-on environment. Integrating classroom study with extensive lab and/or field experience, pre-internship provides a greater understanding of skills required in a chosen technology. Students earn one credit per 75 hours working in a position. Faculty advisors develop learning outcomes for individual pre-internships and evaluate the student's understanding of the requirements for success in the technology.
- CE 195B EMPLOYABILITY SKILLS** 03.0
Prerequisite: None
Provides instruction in and opportunity to master the skills necessary to find, apply for, and get promoted on the job. Instruction includes communication theory, values and ethics, interpersonal relationships, resume and employment letter writing, and interviewing. This course satisfies the Human Relations requirement in many AAS degree programs.
- CE 196B WORK EXPERIENCE I** 01.0-09.0
Prerequisite: CE 195B completion of department specified number of credits in major area and/or departmental approval.
The purpose of this course is to provide a student with the opportunity to supplement course work with practical work experience related to the student's educational program and occupational objectives. The course is an extension to and application of classroom instruction through work experience under immediate supervision of experienced personnel at the business or agency involved. A qualified faculty member directly supervises the student's internship experience by working closely with the student and the employer through telephone contacts, site visitations, student reports and reports from the student's supervisor. Credit is awarded for the accomplishment of specific occupational learning objectives, maintenance of time sheets, and a final project. Student grades will be assigned as a cooperative effort between the faculty member and the job supervisor.
- CE 198B SPECIAL TOPICS IN COOPERATIVE EDUC** 00.5-06.0
Prerequisite: None
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.

CORE HUMANITIES

- CH 201 ANCIENT AND MEDIEVAL CULTURES** 03.0
Prerequisite: ENG 102.
Critical survey of Near East, Greece, Rome and Middle Ages; origins of Judaism, Christianity, Islam, philosophy and science; concepts like heroism, justice, and romantic love. Formerly WT 201.
- CH 202 THE MODERN WORLD** 03.0
Prerequisite: ENG 102.
Analyzes Europe's legacy in shaping world ideas, institutions and cultures. Includes Renaissance; Reformation; Enlightenment; Romanticism; development of science and industry; political revolutions; colonialism; postcolonialism; globalization. Formerly WT 202.
- CH 203 AMERICAN EXPERIENCES AND CONSTITUTIONAL CHANGE** 03.0
Prerequisite: ENG 102.
Identities, ideas, and institutions from pre-contact to present, emphasizing civil rights, liberty, individualism, federalism, environmentalism, urbanization, industrialization, and cultural diversity. Satisfies the U.S. and Nevada Constitution requirements. Formerly WT 203.

COSMETOLOGY

- COS 100B INTRODUCTION TO COSMETOLOGY** 0.5
Prerequisite: None
This course offers an overview of the TMCC Cosmetology Program and the exciting field of cosmetology. The major topics include: the various TMCC cosmetology programs, TMCC financial aid and other help, The Nevada State Board of Cosmetology, the State exam and school policy and procedures.
- COS 103B NAIL TECHNOLOGY** 13.0
Prerequisite: COS 100B or permission of director.
This is an occupational preparatory program for students to learn the science and art of nail technology. Students completing this class will be prepared to use professional equipment and supplies, maintain safety and sanitation standards and perform nail services. This course meets the Nevada State Board of Cosmetology requirements for students eligible to take the written and practical skills exam for licensure.

COSMETOLOGY

COS 110B	ESTHETICS I	08.0
<i>Prerequisite:</i> COS 100B or permission of director.		
This is the first class in the occupational program for students to learn the basic theoretical knowledge and technical skills required to perform skin care services. Students will learn how to use professional equipment and supplies while maintaining safety and sanitation standards. This class will prepare students to go on to Esthetics II and final completion of the esthetics program.		
COS 111B	ESTHETICS II	08.0
<i>Prerequisite:</i> COS 110B or permission of director.		
This course is for students who have mastered the fundamental theoretical knowledge and technical skills required to perform skin care services. Students will be expected to perform at an advanced level while performing skin care services. This course completes the requirements set by the Nevada State Board of Cosmetology for students to take the written and practical skills exam for licensure.		
COS 120B	HAIR DESIGN I	12.0
<i>Prerequisite:</i> None		
This class is designed to provide students with the fundamental knowledge and technical skills required to perform haircutting, hair coloring, permanent waving, and hairstyling services. Upon successfully completing this class, students will master basic terminology, and use of professional equipment, supplies, and materials. Formerly COSM 110B.		
COS 121B	HAIR DESIGN II	12.0
<i>Prerequisite:</i> COS 120B, and/or discretion of the director.		
This class is designed for students who have mastered the fundamental knowledge and technical skills required to perform haircutting, hair coloring, permanent waving, and hairstyling services. Upon successfully completing this class, students will master intermediate terminology, and use of professional equipment, supplies and materials. Formerly COSM 111B.		
COS 122B	HAIR DESIGN III	10.0
<i>Prerequisite:</i> COS 120B, 121B and/or discretion of the director.		
This class is for students who have completed the fundamental and intermediate classes on the beautification of the hair. Students will be expected to perform at an advanced level, and work independently under the general supervision of the Instructor. The curriculum is designed to assist the student as they strive for mastery of all theoretical principles and technical skills. Upon successfully completing the class, the student will be fully qualified for employment. Formerly COSM 112B.		
COS 200B	SALON MANAGEMENT	01.0
<i>Prerequisite:</i> Prior applicable classes and/or the discretion of the director.		
This class is designed for students who have completed the prerequisite classes. The purpose of this class is to educate the student in all aspects of professional and ethical business practices. Upon successful completion, the student will understand how to develop and revise a business plan best suited to their individual needs.		
COS 220B	EXAM PREP/HAIR DESIGN	01.0
<i>Prerequisite:</i> COS 120B, 121B, 122B, and/or the discretion of the director.		
This class is for students who have completed the prerequisite courses of Hair Design. The class curriculum is designed as a preparatory examination. The student will be expected to perform at an advanced level, and will be instructed and evaluated accordingly. At the conclusion of this class the student will possess the ability and confidence to successfully obtain licensing from The Nevada State Board Of Cosmetology.		
COS 221B	COSMETOLOGY I	03.0
<i>Prerequisite:</i> None		
This class is designed to provide Cosmetology students with the fundamental knowledge and technical skills required to perform manicuring, pedicuring and nail extension services. Upon successfully completing this class, students will master basic terminology and use of professional equipment, supplies and materials.		
COS 222B	COSMETOLOGY II	04.0
<i>Prerequisite:</i> COS 221B and/or the discretion of the director.		
This class is designed for Cosmetology students who have mastered the fundamental knowledge and technical skills required to perform manicuring, pedicuring and nail extension services. Upon successfully completing this class, students will master intermediate terminology and use of professional equipment, supplies and materials.		
COS 223B	COSMETOLOGY III	03.0
<i>Prerequisite:</i> COS 221B, 222B and/or the discretion of the director.		
This class is for Cosmetology students who have completed the fundamental and intermediate classes in the beautification of the nails of the hands and feet. Students will be expected to perform at an advanced level and work independently under the general supervision of the Instructor. The curriculum is designed to assist the student as they strive for mastery of all theoretical principles and technical skills.		
COS 224B	COSMETOLOGY IV	03.0
<i>Prerequisite:</i> COS 221B, 222B, 223B and/or the discretion of the director.		
This class is designed to provide Cosmetology students with the fundamental knowledge and technical skills required to perform facial, makeup and skin care services. Upon successfully completing this class, students will master basic terminology and use of professional equipment, supplies and materials.		

COSMETOLOGY

COS 230B	EXAM PREPARATION/COSMETOLOGY	01.0
<i>Prerequisite:</i> COS 120B, 121B, 122B, and/or the discretion of the director.		
This class is for students who have completed the prerequisite courses of Cosmetology. The class curriculum is designed as a preparatory examination. The student will be expected to perform at an advanced level, and will be instructed and evaluated accordingly. At the conclusion of this class the student will possess the ability and confidence to successfully obtain licensing from The Nevada State Board Of Cosmetology.		
COS 231B	SALON PSYCHOLOGY	01.0
<i>Prerequisite:</i> None		
This class is designed for students who have limited knowledge of human behavior. Upon successfully completing this class, students will obtain an understanding of relating to clients and co-workers.		
COS 232B	SALON MANAGEMENT-COSMETOLOGY	01.0
<i>Prerequisite:</i> COS 221B, 222B, 223B, 224B and/or the discretion of the director.		
This class is designed for Cosmetology students who have completed the prerequisite classes. The purpose of this class is to educate the student in all aspects of professional and ethical business practices. Upon successful completion, the student will understand how to develop and revise a business plan best suited to their individual needs.		

COUNSELING AND PERSONAL DEV.

CEP 254	BIOPSYCHO-SOCIAL FACTORS IN ADDICTION	03.0
<i>Prerequisite:</i> CPD116 or permission of instructor.		
Theories of alcohol and other drug addictions with emphasis on the signs and symptoms of problematic use, as well as methods of assessment and intervention.		
CEP 255	DEVELOPMENTAL THEORIES-PREVENTION/EDU STRATEGIES	03.0
<i>Prerequisite:</i> CPD116.		
Impact of addiction on development in children and families, prenatal addiction and fetal alcohol syndrome, and current prevention and education models and services.		
CPD 101B	INTRODUCTION TO HUMAN AND COMMUNITY SCIENCES	03.0
<i>Prerequisite:</i> None		
This course provides a multidisciplinary survey of current issues related to individuals, families and communities. 45 hours of community work is required.		
CPD 105B	INDIVIDUALIZED BASIC LEARNING SKILLS	01.0-03.0
<i>Prerequisite:</i> None		
This course is designed to supplement many courses in the curriculum. Students have access to a wide variety of instructional support materials. Tutoring is offered in a number of disciplines. Supplemental Instruction (SI) is also available.		
CPD 116	SUBSTANCE ABUSE-FUND FACTS AND INSIGHTS	03.0
<i>Prerequisite:</i> None		
This course covers the following topics related to substance abuse in our society: identification of substances, reasons for abuse of alcohol and of drugs, signs and symptoms of substance abuse, and approaches and techniques recognized as effective in substance abuse counseling. It is recommended that students take the BADA workshop Classification Of Alcohol in addition to this course for BADA certification. College credit can be given for the workshop.		
CPD 117	INTRODUCTION TO COUNSELING	03.0
<i>Prerequisite:</i> PSY 101 or instructor approval.		
This course is designed to provide each student with a working knowledge and understanding of basic clinical interviewing skills used in for use in communication and counseling. Discusses confidentiality and ethics issues. Includes experiential role play.		
CPD 118B	COMMUNITY RESOURCES IN SUBSTANCE ABUSE	02.0
<i>Prerequisite:</i> None		
A course designed to acquaint the student with resources available for substance abuse programs and clients. Includes funding sources, volunteer help, federal work programs, public relations and referral agencies. Discusses when and how to make appropriate referrals, ethics and confidentiality issues. The course also discusses the interrelationships of service providing agencies.		
CPD 120	TREATMENT PLANNING AND CASE MANAGEMENT	02.0
<i>Prerequisite:</i> CPD 116.		
This course is structured to provide each student with a working knowledge and understanding of treatment planning from intake to aftercare. Discusses data acquisition, the importance of maintaining up-to-date counseling goals and objectives, documentation of the therapeutic process, and federal and state requirements. It is recommended that students take the BADA workshop Confidentiality in addition to this course for BADA certification. College credit can be given for the workshop.		
CPD 122	SUCCESS SKILLS IN COLLEGE	01.0-03.0
<i>Prerequisite:</i> None		
A course designed to help students adjust to the college environment and the learning process; the development of personal and academic skills necessary for educational success will be stressed.		

COUNSELING AND PERSONAL DEV.

CPD 123	CAREER CHOICES AND CHANGES	01.0-02.0
<i>Prerequisite:</i> None		
A course in life and career planning, offered to help students make informed occupational choices. The course includes self-assessment (personal values, abilities, and interests), opportunities for research into different careers, and training in proper decision-making and goal-setting procedures.		
CPD 124B	DEVELOPING YOUR OWN POTENTIAL	01.0-03.0
<i>Prerequisite:</i> None		
A structured small group experience through which students are helped to become more self-directed, self-motivated, and self-confident while becoming more empathic toward other persons. The focus is on identifying personal resources and potentialities.		
CPD 125B	JOB SEARCH TECHNIQUES	01.0-03.0
<i>Prerequisite:</i> None		
The goal of this course is to present techniques and strategies for use in the job hunting process. Students will be given the opportunity to identify skills, abilities and interests, research a specific career area, write a resume, practice interview techniques, and practice realistic decision making strategies.		
CPD 126B	PARENTING SKILLS	01.0-03.0
<i>Prerequisite:</i> None		
This course provides parents the opportunity to identify, learn and practice some basic skills which will help them reach their goals as parents.		
CPD 129B	ASSERTIVENESS TECHNIQUES I	01.0-03.0
<i>Prerequisite:</i> None		
This training is based on the assumption that persons are responsible for their own lives. Participants learn direct methods of expressing feelings, needs and opinions without fear and without violating the rights of others.		
CPD 130B	STRESS MANAGEMENT TECHNIQUES I	01.0-03.0
<i>Prerequisite:</i> None		
Students will be introduced to methods of identifying and handling stress and tension that occur in daily life; also covered will be techniques for reducing the amount of tension experienced in anxiety-producing situations.		
CPD 132B	INTERPERSONAL RELATIONS	03.0
<i>Prerequisite:</i> None		
This course is designed to help you improve your ability to communicate with the important people in your life. It is a practical approach to improve relationships, friendships and your ability to speak to other significant people.		
CPD 133B	SMALL GROUP INTERACTION - GROUP COUNSELING	03.0
<i>Prerequisite:</i> PSY 101 and CPD 117.		
This course is designed to provide each student with a working knowledge and understanding of group dynamics and group counseling skills and techniques. Personality theories discussed in terms of their applicability to the change process. Includes skill practice through simulated (role play) situations.		
CPD 134	WOMEN AND SUBSTANCE ABUSE TREATMENT ISSUES	03.0
<i>Prerequisite:</i> None		
This course is designed to provide each student with a working knowledge of the issues involved in counseling substance abusing women. Discusses signs and symptoms particular to women; historical perspective on cultural attitudes about women; family issues; pregnancy and drug-affected children; treatment approaches. Course includes practice in counseling skills.		
CPD 135B	CROSS CULTURAL SUBSTANCE ABUSE COUNSELING	03.0
<i>Prerequisite:</i> PSY 101, CPD 117 or instructor approval.		
This course is designed to provide each student with a working knowledge and understanding of what variables and aspects of the counseling/helping relationship should be considered when working with an individual from another culture. Techniques will be practiced to make cross cultural counseling more effective.		
CPD 136B	STRESS MANAGEMENT TECHNIQUES II	01.0-03.0
<i>Prerequisite:</i> CPD 130B or instructor approval.		
A continuation of CPD 130B Stress Management Techniques I. Students will continue the development of stress management techniques as a method to decrease anxiety, tension, and many subsequent physical symptoms which affect the body.		
CPD 139B	ASSERTIVENESS TECHNIQUES II	01.0-03.0
<i>Prerequisite:</i> CPD 129B or instructor approval.		
A continuation of CPD 129B, Assertiveness Techniques I. Students will be involved in direct interpersonal communication of skill development exercises and experiences.		
CPD 140	INTRODUCTION TO FAMILY AND RESPITE CAREGIVING	03.0
<i>Prerequisite:</i> None		
A course for homemakers, personal care aides, senior companions, respite care providers, family members and others to assist frail elders in the home to foster independent living. Course covers normal aging, psychosocial concerns, legal issues, communications techniques, problem identification/resolution, coping skills, home environment and basic care techniques. Transfers to UNR as an elective for Gerontology Certificate.		

COUNSELING AND PERSONAL DEV.

CPD 198B	SPECIAL TOPICS IN COUNSELING	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects such as AIDS, child abuse, co-dependency, confidentiality. This class will be a variable credit of one-half to six credits depending on the course content and the number of hours required. The course may be repeated for up to six elective credits.		
CPD 201	CRISIS COMMUNICATION SKILLS	03.0
<i>Prerequisite:</i> Screening and approval by the Crisis Line.		
This course is designed to give each student an understanding of people in crisis and the stages of crisis intervention. It provides information and hands on training in basic communication skills and referral services. Discusses confidentiality and ethics issues. Includes sharing, anchor group, experiential role play and preparation for internship.		
CPD 202	DOMESTIC VIOLENCE: COUNSELOR TRAINING	01.0
<i>Prerequisite:</i> Screening and approval by the Committee to Aid Abused Women (CAAW).		
This course is designed to give each student an understanding of victims of domestic violence and the process of crisis intervention. It provides information on legal issues and hands on training in basic communication skills and referral services. Discusses confidentiality, professional behavior and the ethics issues in volunteering. Includes sharing, experiential role play and preparation for internship.		
CPD 203B	PEER ADVISOR TRAINING	02.0
<i>Prerequisite:</i> None		
This course will provide the basic helping and communication skills necessary for work in student service related areas. Campus resources will be explored to give the student helper adequate knowledge to make referrals.		
CPD 217B	ADVANCED TECHNIQUES FOR SUBSTANCE ABUSE	03.0
<i>Prerequisite:</i> PSY 101 and CPD 117.		
This course is designed to provide each student with a comprehensive overview and review of the counseling philosophies and services appropriate for the substance abuser. Discusses conceptual models of chemical dependency, theoretical and practical treatment approaches for the substance abuser.		
CPD 218B	FAMILY COUNSELING ISSUES IN SUBSTANCE AB	03.0
<i>Prerequisite:</i> PSY 101 and CPD 117.		
This course is designed to provide each student with a working knowledge and understanding for identifying and assessing substance abuse situations which are appropriate for family counseling. Discusses co-dependency, enabling and other dysfunctional behaviors and communications. A second major focus of this course is to provide each student with selected theoretical and practical approaches that are used in treating chemically dependent family systems/family members.		
CPD 290	INTERNSHIP IN COUNSELING	01.0-08.0
<i>Prerequisite:</i> Permission of the department.		
Supervised counseling work experience with selected community social agencies. Designed to apply knowledge to real on-the-job situations, to practice and develop communication skills. Contact the Director of Counseling for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated up to eight credits.		
CPD 291	SUBSTANCE ABUSE COUNSELING PRACTICUM I	03.0
<i>Prerequisite:</i> CPD 116, 117, 118B, 120 and 133B.		
To be taken in student's final semester. If taken earlier, permission of the department is required. Substance abuse counseling work experience. The student works in a counseling facility eight hours a week under the supervision of a facility employee to gain practical work experience.		
CPD 292	SUBSTANCE ABUSE COUNSELING PRACTICUM II	03.0
<i>Prerequisite:</i> CPD 116, 117, 118B, 120, 133B, 217B and 291.		
Designed to provide the student with further supervised substance abuse counseling experience. The student works in a counseling facility under the supervision of a facility employee to gain practical work experience.		

CRIMINAL JUSTICE

CRJ 101	INTRODUCTION TO CRIMINAL JUSTICE I	03.0
<i>Prerequisite:</i> None		
History, philosophy and functions of criminal justice system, law enforcement, criminal law and constitutional rights as they affect system functioning.		
CRJ 102	INTRODUCTION TO CRIMINAL JUSTICE II	03.0
<i>Prerequisite:</i> None		
Adjudicatory process, adult and juvenile corrections functions within the criminal justice system.		
CRJ 106	INTRODUCTION TO CORRECTIONS	03.0
<i>Prerequisite:</i> None		
The history and development of correctional agencies, particularly prisons; designed to raise questions about the organizational and structural forces facilitating and impeding change.		

CRIMINAL JUSTICE

CRJ 111B	FIREARMS I	01.0-03.0
<i>Prerequisite:</i> Must have own handgun.		
Course involves 50 hours of classroom and range instruction, including laws of arrest, search and seizure; moral, legal and ethical aspects of the use of deadly force; firearm handling and safety, range nomenclature, marksmanship and qualification. Course covers all of the elements required under California P.C. 832 and exceeds present local law enforcement requirements for security officers in Nevada. Changes may be made as mandated by new legislative requirements. This course is P.O.S.T. certified.		
CRJ 112	ADMINISTRATION	03.0
<i>Prerequisite:</i> None		
Theory of management and motivation, bureaucracy, labor laws and relations, financial administration and criminal justice agency administration.		
CRJ 114B	FIREARMS II	01.0-03.0
<i>Prerequisite:</i> Must have own handgun.		
A continuation of CRJ 111B (Firearms I). Course includes: advanced range qualification, precision marksmanship, defensive measures, counter ambush procedures, combat shooting course, robbery in progress, building searches, use of the shotgun, etc.		
CRJ 120	COMMUNITY RELATIONS	03.0
<i>Prerequisite:</i> None		
Current issues and theories in relationships between the criminal justice system and the community. Transfers as an elective to UNR .		
CRJ 125	LEGAL CAREERS AND LAW SCHOOLS	01.0
<i>Prerequisite:</i> None		
Introduction to careers in law; preparing and applying for law school.		
CRJ 126	LEGAL RESEARCH AND METHODS	01.0
<i>Prerequisite:</i> None		
Exposure to American legal thought, methods of reasoning, and research with a focus on identifying legal issues and developing basic legal research skills.		
CRJ 127	LEGAL WRITING	01.0
<i>Prerequisite:</i> CRJ 126.		
Introduction to the process, structure and forms of legal argument and writing and citation skills.		
CRJ 155	JUVENILE JUSTICE	03.0
<i>Prerequisite:</i> None		
Decision-making processes, theories of delinquent behavior, court decisions and problems affecting the administration of justice during childhood and adolescence. Transfers as an elective to UNR.		
CRJ 160B	PRINCIPLES OF PRIVATE INVESTIGATION	03.0
<i>Prerequisite:</i> None		
Fundamentals of private investigation, sources of information, witness and suspect interviewing, surveillance, undercover, report preparation, court room testifying, personal injury, asset, background, divorce and custody investigation covered in detail.		
CRJ 162B	BASIC INVESTIGATIVE PHOTOGRAPHY	03.0
<i>Prerequisite:</i> None		
A course covering the photographic processes and their use in police, fire and security services. An elemental knowledge of photography is required.		
CRJ 163	INVESTIGATIVE PHOTOGRAPHY II	03.0
<i>Prerequisite:</i> CRJ 162B.		
A course covering advanced investigative photographic techniques and the use of digital photography.		
CRJ 164	PRINCIPLES OF INVESTIGATION	03.0
<i>Prerequisite:</i> None		
Fundamentals of investigation, crime scene search and recording; collection and presentation of physical evidence, scientific aids, sources of information, case preparation, interviews and interrogations; follow-up.		
CRJ 168B	CRIME SCENE INVESTIGATION AND EVIDENCE	01.0-03.0
<i>Prerequisite:</i> None		
A study of the nature, collection and preservation of physical evidence. The student is acquainted with effective methods of searching, sketching, photographing, collecting, identifying and packaging physical evidence through actual practice at simulated crime scenes and field exercises. This course is P.O.S.T. certified.		
CRJ 198B	SPECIAL TOPICS IN CRIMINAL JUSTICE	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The class will be a variable credit of one-half to six credits depending on the course content and number of hours required. The class may be repeated for up to six hours of credits.		
CRJ 211	POLICE IN AMERICA: AN INTRODUCTION	03.0
<i>Prerequisite:</i> None		
Historical development, roles, socialization and problems of police work. Transfers to UNR as CJ 211 Police in America.		

CRIMINAL JUSTICE

CRJ 214	PRINCIPLES OF POLICE PATROL TECHNIQUES	03.0
<i>Prerequisite:</i> None		
Identification of community problems which require prevention, suppression or control through the basic methods and techniques of police patrol. Special attention to the responsibilities of officers in varying patrol situations such as foot beats, one-person cars, K-9 corps, and/or tactical units. Techniques of observation and perception. Recognition of police hazards; their evaluation and proper police patrol action.		
CRJ 215	PROBATION AND PAROLE	03.0
<i>Prerequisite:</i> None		
Survey of the probation and parole system of the United States through development of the present system. Shows different systems within the United States, executive clemency, parole, rights of prisoners, probationers and parolees, treatment strategies, administrative aspects, and correctional and professional aspects of the parole and probation officer.		
CRJ 222	CRIMINAL LAW AND PROCEDURE	03.0
<i>Prerequisite:</i> CRJ 101 and 102.		
Integrated overview of the elements of substantive criminal law and the fundamentals concepts of due process and fairness underlying American criminal procedures.		
CRJ 225	CRIMINAL EVIDENCE	03.0
<i>Prerequisite:</i> None		
Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds of degrees of evidence and rules governing admissibility; judicial decisions interpreting rights and case studies.		
CRJ 226	PREVENTIONS AND CONTROL OF DELINQUENCY	03.0
<i>Prerequisite:</i> None		
Survey and evaluation of police programs designed to prevent juvenile delinquency. Techniques of enforcement relative to the control of delinquency; investigation procedures in individual cases of delinquency and methods of referral to related agencies.		
CRJ 229	RESEARCH METHODS IN CRIMINAL JUSTICE	03.0
<i>Prerequisite:</i> CRJ 101 and 102.		
Must take APST 207 prior to or concurrently. Techniques commonly utilized in criminal justice research, emphasis on research design, methods of data collection, measurement of variables, and validity and reliability.		
CRJ 229B	DEFENSIVE TACTICS	01.0-03.0
<i>Prerequisite:</i> None		
Protection against persons armed with dangerous and/or deadly weapons; demonstration and drill in a limited number of holds and come alongs; restraint of prisoners and the mentally ill; fundamental use of baton.		
CRJ 232	PRINCIPLES OF CORRECTIONAL ADMN	03.0
<i>Prerequisite:</i> None		
Principles of staff operations within the correction process; administration setting, budgeting and financial control, recruitment and development of staff, public relations and decision making; information concerning the offender, why they classify in a certain manner, varied treatment strategies available.		
CRJ 265	INTRODUCTION TO PHYSICAL EVIDENCE	03.0-04.0
<i>Prerequisite:</i> None		
An overview of the forensic sciences. The role of science in the utilization of physical evidence in matters of criminal and civil law. Emphasis is placed on the value and assistance of modern scientific knowledge to the investigation. Includes laboratory demonstrations and direct experience examining physical evidence. Three hours lecture and three hours lab per week.		
CRJ 270	INTRODUCTION TO CRIMINOLOGY	03.0
<i>Prerequisite:</i> None		
The course includes a brief history of the theories of criminology, the police, and the offender, with particular emphasis given to criminal career perspectives, detailing from a sociological standpoint, types of offenders who commit specific offenses.		
CRJ 285B	SELECTED TOPICS IN CRIMINAL JUSTICE	01.0-06.0
<i>Prerequisite:</i> None		
Selected topics in criminal justice. A course intended to provide flexibility in the criminal justice/correction program. Course subject will vary and cover critical and current issues in criminal justice.		
CRJ 289	LAW AND JUSTICE	03.0
<i>Prerequisite:</i> None		
Survey of law and justice from a multi-disciplinary perspective with special emphasis on comparative justice systems, race, ethnicity, and gender.		
CRJ 290B	INTERNSHIP IN CRIMINAL JUSTICE	01.0-08.0
<i>Prerequisite:</i> None		
Work with selected law enforcement agencies, correctional agencies, or security organizations; scheduling to occur during the final semester for the student in the program.		
CRJ 298	SPECIAL TOPICS IN CRJ	03.0
<i>Prerequisite:</i> CRJ 101 and 102 or instructor permission.		
Introduction to a selected major topic or issue of importance for students in law enforcement, courts or corrections.		

CULINARY ARTS

- CUL 100 SANITATION/HACCP 02.0**
Prerequisite: None
Course covers all aspects of food service sanitation, but focuses on causes and prevention of food-borne illness and the implementation of HACCP quality assurance systems. Instruction includes lecture, demonstrations and special projects. Each student takes the National Registry Food Service Manager Certification exam. Passing this confers both NRA (Nevada Restaurant Association) and Washoe County Food Service Manager certification. Formerly FST 218B and CUL 118.
- CUL 101 SANITATION/HACCP (CFPM) 01.0**
Prerequisite: None
Passing this course confers both NRA (Nevada Restaurant Association) and Washoe County Health Department requirements to acquire a certification of Certified Food Protection Manager (CFPM). Course covers all aspects of food service sanitation, but focuses on causes and prevention of food-borne illness and the implementation of HACCP quality assurance systems. Instruction includes lecture, demonstrations, and special projects. At the conclusion of the course the instructor will proctor a national certification exam from the National Registry.
- CUL 105 BASIC SKILLS DEVELOPMENT 03.0**
Prerequisite: BUS 106, ENG 090, MATH 093 or equivalent or qualifying Accuplacer, ACT/SAT test results.
Entry level course provides students with basic culinary skills to enroll in kitchen or baking production classes. Competencies include culinary history, professionalism, basic safety and sanitation, standardized recipe use and costing, basic nutrition and menu planning, introduction to ingredients, use of commercial kitchen equipment and hand tools, basic knife cuts and raw ingredient preparation. Students with previous culinary skills or training may challenge prior to the start of the semester. Formerly FST104B and CUL 104B.
- CUL 106 UNDERSTANDING CULINARY TECHNIQUES I 06.0**
Prerequisite: CUL 105.
Course teaches introductory hot food cookery with emphasis on product utilization, cost effectiveness, timing and presentation. Students practice traditional and modern cooking techniques and good nutrition. Much hands-on practice utilizing moist and dry heat cooking methods. They prepare sauces, soups, starches, vegetables and center of the plate entrees. Some menus include practical baking of quick breads and home baked desserts. Chef instructors make frequent demonstrations to reinforce and amplify recipes and lectures. Formerly FST 106B.
- CUL 108 UNDERSTANDING CULINARY TECHNIQUES II 06.0**
Prerequisite: CUL106 or permission of instructor.
Continuation of CUL 106 covering the remainder of the portions of text not covered in CUL 105 or CUL 106. Instruction and kitchen expectations become more intense as students hone their skills on more difficult techniques and recipes. They will expand their repertoire in the preparation of sauces, proteins, starches, vegetables and fruits. Students receive a hands-on practical introduction to Garde Manger and the Bakeshop. Techniques and lectures augmented and reinforced by chef demonstrations. Formerly FST 108B.
- CUL 114 BUFFET CATERING 03.0**
Prerequisite: CUL 106 or permission of the instructor.
An introduction to on and off premise catering. Students learn professional techniques used by caterers to developing and market services. They develop menus, practice writing proposals and contracts, plan and execute functions. In the kitchen students prepare typical caterer foods such as fruit and vegetable mirrors, canapés, hors d'oeuvres, tea sandwiches and buffet sweets. Students gain experience as they work with phyllo dough, puff pastry, éclair paste, pie and tart dough, savory butters and fillings. Formerly FST 114.
- CUL 125 PRINCIPLES OF BAKING 03.0**
Prerequisite: CUL 106 or permission of the instructor.
Students learn fundamentals of bread and pastry making, with the emphasis on American products. Included are: baking ingredient properties, function and use of equipment, understanding bakery procedures, recipe conversion, proper storage and sanitation. Students produce home style products including pies, cookies, quick breads, yeast leavened goods, cakes and icings. Elementary cake decoration techniques are introduced, however, emphasis is on production of quality hand-crafted products. Formerly FST 163B and CUL 163.
- CUL 130 GARDE MANGER 03.0**
Prerequisite: CUL 106 or 108 and the permission of the instructor.
Course introduces students to the three main items of the cold kitchen; reception foods, canapés and hors d' oeuvres and buffet arrangements. Students gain hands-on experience in the production of pate, galantines, terrines, salads and other foods that enhance buffets. Students will also be introduced to the use of aspic, techniques of food sculpture and ice carving, plus modern ways of decorating and arranging platters. Formerly FST 273B and CUL 273.
- CUL 170 RETAIL DELI AND BAKERY 03.0**
Prerequisite: CUL 105, CUL 106.
Course designed to teach professional food preparation and bake-off techniques applicable in a variety of food service environments - supermarket bakery and deli departments, convenience stores, cafeterias, fast food outlets and contract management companies. Structured to develop culinary skills while utilizing convenience foods and frozen bakery products. Emphasis on equipment use, proper handling and proofing of frozen dough, finishing and packing products, assembling sandwiches and platters and product display. Most of the course oriented toward working with convenience foods and bake-off techniques. Formerly CUL 172B.
- CUL 195 SELECTED TOPICS IN CULINARY ARTS 01.0-06.0**
Prerequisite: None
Course designed to bring students current topical information on problems and/or issues, skills and/or techniques in various areas of food service. This course may be repeated for up to six credits. Formerly FST 285B and CUL 285B.

CULINARY ARTS

- CUL 198 SPECIAL TOPICS IN CULINARY ARTS** 00.5-06.0
Prerequisite: None
Various short courses and workshops covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits. Formerly FST 198B and CUL 198B.
- CUL 200 AROMATICS/RESTAURANT EXPERIENCE** 04.0
Prerequisite: CUL 106, 108 or permission of the instructor.
Feed the folks who visit the Golden Frog, TMCC's student run restaurant. Students develop team skills as they plan and implement menus, develop and cost recipes, cook and serve the food and wash the dishes. Enhance dishes by discovering seasonings and their characteristics. This is a realistic experience in running a restaurant, meeting time deadlines and satisfying customers. It gives students a look at running a successful restaurant while developing speed in the kitchen. Formerly FST 219B and CUL 219.
- CUL 210 AMERICAN REGIONAL CUISINE** 03.0
Prerequisite: CUL108 or permission of the instructor.
Through lecture and hands-on cooking, students explore seven American regional cuisine's and their local food specialties - New England, Middle Atlantic, Deep South, Texas and Southwest, Midwest and Mountain States, Pacific Northwest, California and Hawaii. Authentic recipes and ingredients will be utilized. Correct cooking techniques and authentic traditional seasonings are emphasized. Formerly FST 120 AND CUL 120B.
- CUL 220 INTERNATIONAL CUISINE** 03.0
Prerequisite: CUL 106, 108 or permission of instructor.
Through lecture and hands-on cooking, students explore seven important classical and trendy cuisine's and some of their food specialties - French, German, Italian, Mexican, Japanese, Chinese and Caribbean. Authentic recipes and ingredients will be utilized. Correct cooking techniques and authentic traditional seasoning are emphasized.
- CUL 225 ADVANCED BAKING** 03.0
Prerequisite: CUL106, CUL 125 or permission of the instructor.
An advanced course, utilizing CUL 125 (formerly CUL 163) principles with emphasis on more sophisticated American and European goods such as layered dough, baked custards, gelatinization, and restaurant type desserts. Students are expected to continue development of skills for producing quality products. Formerly FST 164B and CUL 164.
- CUL 230 PASTRY ARTS** 03.0
Prerequisite: CUL 106, CUL 125 (formerly CUL163) or permission of the instructor.
Course focus is on European style pastries and multi-portion desserts. Students gain experience making sponge cakes, butter creams, puff pastry, glazes and fillings, meringue, marzipan, chocolate and éclair dough. The emphasis on the production of fine pastry such as tea cookies, petit fours, chocolates and truffles, individual French pastries, torten and gateau. Formerly FST 171B and CUL 171B.
- CUL 245 THE BUSINESS CHEF** 03.0
Prerequisite: MATH 093 or equivalent or qualifying Accuplacer, ACT/SAT test results.
Course intended to give the student the tools needed in today's tight labor market for advancement in the food service industry. Today, chefs, sous chefs and food managers, as well as owners, must know and understand food service math and importance of the bottom line to an operations success. You will be exposed to such topics as organizing a business's food, labor and overhead costs, purchasing, equipment selection, basic facilities design and scheduling staff. Students exposed to completing spreadsheets and will demonstrate how to control costs, calculate cost percentages, and breakeven points. Students should bring a calculator to the first class. Formerly FST 245B.
- CUL 250 SAUCIER** 03.0
Prerequisite: CUL 106, 108 or permission of the instructor.
Course teaches that sauces are created through patience, diligence and study while using top quality ingredients. Students learn both classical and modern methods of sauce making. Each student will be able to use each sauce in at least one dish and will understand other uses for the same sauce. Formerly FST 274B and CUL 274.
- CUL 295 WORK EXPERIENCE IN CULINARY ARTS** 01.0-06.0
Prerequisite: None
A course designed wherein students will apply knowledge and skills to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed most core and major requirements and have a 2.5 G.P.A. Contact the placement specialist in RDMT 315-X or at (775) 674-7661 for the application, screening and required skills evaluation. Up to six credit hours may be earned on the basis of 75 hours of internship for one credit. Formerly FST 290B and CUL 290B.

DANCE

- DAN 101 DANCE APPRECIATION** 03.0
Prerequisite: None
This course is an exploration of the world's first and most universal art form. Various forms of multicultural ethnic dance forms, plus an overview of popular dance forms, are explored through the use of lecture, video and demonstration. Satisfies the Diversity requirement for TMCC and UNR.

DANCE

DAN 132	JAZZ DANCE (BEGINNING)	01.0
<i>Prerequisite:</i> None		
Beginning techniques of jazz dance. May be repeated to a maximum of four credits. Formerly RPED 105.		
DAN 133	JAZZ DANCE (BEGINNING/INTERMEDIATE)	01.0
<i>Prerequisite:</i> DAN 132.		
Technique class for students who have acquired beginning techniques but need additional training before entering the intermediate level. May be repeated to a maximum of four credits.		
DAN 135	BALLET, BEGINNING	01.0
<i>Prerequisite:</i> None		
Beginning techniques of ballet. May be repeated to a maximum of four credits. Formerly RPED 156.		
DAN 136	BALLET, BEGINNING/INTERMEDIATE	01.0
<i>Prerequisite:</i> DAN 135.		
Techniques class for students who have acquired beginning techniques but need additional training before entering the intermediate level. May be repeated to a maximum of our credits.		
DAN 138	MODERN DANCE, BEGINNING	01.0
<i>Prerequisite:</i> None		
Beginning techniques of modern dance. May be repeated to a maximum of four credits. Formerly RPED 110.		
DAN 139	MODERN DANCE, (BEGINNING/INTERMEDIATE)	01.0
<i>Prerequisite:</i> DAN 138.		
Techniques class for students who have acquired beginning techniques but need additional training before entering the intermediate level. May be repeated to a maximum of four credits.		
DAN 144	TAP DANCE (BEGINNING)	01.0
<i>Prerequisite:</i> None		
Tap Dance (Beginning) is designed to introduce basic tap dance skills and combinations. Students will acquire new dance techniques with emphasis on correct tap dance form, understanding tap dance as an art form, and developing one's own tap style.		
DAN 188	CHOREOGRAPHY I: IMPROVISATION FOR COMPOSITION	02.0
<i>Prerequisite:</i> None		
Practical application of the techniques of improvisation for its use in composition.		
DAN 232	INTERMEDIATE JAZZ DANCE	01.0
<i>Prerequisite:</i> DAN 133 or equivalent experience.		
Intermediate techniques of jazz dance.		
DAN 235	BALLET, INTERMEDIATE	01.0
<i>Prerequisite:</i> DAN 135 or 136.		
Intermediate techniques of ballet. May be repeated to a maximum of four credits. Formerly RPED 157.		
DAN 236	BALLET (INTERMEDIATE/ADVANCED)	01.0
<i>Prerequisite:</i> DAN 235.		
Techniques class for students who are beyond the intermediate level but need additional training before entering the advanced level. May be repeated to a maximum of four credits.		
DAN 238	MODERN DANCE INTERMEDIATE	01.0
<i>Prerequisite:</i> DAN 138.		
Intermediate techniques of modern dance. May be repeated to a maximum of four credits. Formerly RPED 212.		
DAN 239	MODERN DANCE (INTERMEDIATE/ADVANCED)	01.0
<i>Prerequisite:</i> DAN 238.		
Techniques class for students who are beyond the intermediate level but need additional training before entering the advanced level. May be repeated to a maximum of four credits.		
DAN 244	TAP DANCE (INTERMEDIATE)	01.0
<i>Prerequisite:</i> DAN 144 or equivalent experience with permission of instructor.		
Intermediate work in the techniques of tap dance.		
DAN 281	DANCE PERFORMANCE	01.0
<i>Prerequisite:</i> None		
Learning of repertory and new choreography leading to formal and informal performance opportunities.		
DAN 288	CHOREOGRAPHY II: ELEMENTS OF DANCE COMPOSITION	02.0
<i>Prerequisite:</i> DAN 188 or permission of instructor.		
Elements of dance composition including experience in spatial relationships, dynamics, movement qualities and design. Exploration of these elements through movement studies.		

DENTAL ASSISTING

DA 110B	ORIENTATION TO DENTAL ASSISTING	01.0-03.0
<i>Prerequisite:</i> None		
The legal, ethical, moral and professional responsibilities of dental personnel in the practice of dentistry. Personal requirements, professional conduct, interpersonal relationships, methods of acquiring and training certification of the dental assistant, recognition of dental forms, and an introduction to dental and medical terminology. One (1) hour of class time per week.		
DA 111B	DENTAL RADIOGRAPHY I	03.0
<i>Prerequisite:</i> None		
Production, characteristics and biologic effects of radiation; function, components and operation of the X-ray unit; radiation protection and monitoring; components and care of X-ray film; chemistry and techniques associated with X-ray film and the developing solutions. Review of anatomical landmarks, X-ray placement, identification and correction of radiographic errors; recording pertinent data; specialized procedures and techniques for pediatric dentistry. The bisecting technique adapted to an adult, pediatric manikins and human patients.		
DA 112B	DENTAL/HEAD AND NECK ANATOMY	03.0
<i>Prerequisite:</i> None		
The anatomy and physiology of the head and neck are included. Embryology, histology, tooth morphology, occlusion, and periodontal tissues are studied with special emphasis on tooth forms. Developmental and structural defects involving the oral cavity and teeth. Three (3) hours lecture are required per week.		
DA 115B	DENTAL HEALTH EDUCATION	01.0
<i>Prerequisite:</i> None		
Principles of preventive dentistry to include: nutritional physiology, essentials and counseling effect of nutrition on dental health; epidemiology, etiology and prevention of dental disease; design and management of a plaque control program and additional preventive measures, i.e., fluoride and sealant utilization. One (1) hour of class time per week is required.		
DA 116B	PRECLINICAL DENTAL SCIENCE	01.5
<i>Prerequisite:</i> None		
Principles of microbiology, disease transmission, the universal numbering system, dental clinical charting with geometric and anatomical representations, periodontal charting, local anesthetic, vital signs and emergency prevention are discussed in depth. An introduction to body systems; respiratory and circulatory as they impact dental care delivery are presented.		
DA 117B	DENTAL MATERIALS AND TECHNIQUES I	02.0
<i>Prerequisite:</i> None		
An in-depth, comprehensive course of the properties, techniques and manipulation of dental materials used in operative dentistry. The dental materials discussed are bases and varnishes, amalgam and components, aesthetic and posterior composites, cements and impression materials. One two-hour lecture each week.		
DA 119B	DENTAL CHAIRSIDE PROCEDURES	04.0
<i>Prerequisite:</i> None		
A course designed for the development of dexterity and professional competencies needed to assist in four and six handed dentistry procedures utilized in general dentistry are taught to laboratory proficiency. Demonstration of proper posture and form at chair side, positive communication, sterilization and disinfecting, adherence to infection control protocols and OSHA requirements of instrument names, use and care are stressed. Two hours of lecture and eight (8) hours laboratory are required each week.		
DA 121B	DENTAL RADIOGRAPHY II	02.0-03.0
<i>Prerequisite:</i> None		
The intraoral paralleling technique with its variables; evaluation of film quality; recognition of anomalies with differential tissue densities; preliminary film interpretation for charting and tray setup; specialized procedures for endodontia, the edentulous and geriatric patient; panoramic radiography lateral jaw and skull surveys; also legal considerations.		
DA 122B	CLINICAL DENTAL SCIENCE	02.0
<i>Prerequisite:</i> None		
A continuation of DA112B including the study of oral pathology, pharmacology, medical emergencies. Also included is an introduction of body systems: muscular, skeletal, endocrine, exocrine and reproductive systems.		
DA 123B	PRACTICE MANAGEMENT AND PROCEDURES	01.0-03.0
<i>Prerequisite:</i> None		
Principles of dental office routine, management of dental office supplies, team responsibilities, receptionist and secretarial duties, dental bookkeeping, appointment control, laboratory prescriptions, letter writing, collections, telephone technique and filing. Employment interview techniques, employee rights and benefits, and an introduction to computer application in a dental office.		
DA 125B	SUPERVISED CLINICAL I	04.0
<i>Prerequisite:</i> None		
A continuation of DA119B elevating laboratory proficiency to clinical proficiency in accordance with the State Dental Practice Act during two (2) rotations in selected private dental practices. One hour lecture and sixteen (16) clinical experience hours per week are required.		
DA 127B	DENTAL MATERIALS AND LAB TECHNIQUES II	02.0
<i>Prerequisite:</i> None		
A practical, hands-on study of dental laboratory equipment safety and utilization of materials such as plaster/stone/die, model trimming, custom tray acrylic, aluminum and acrylic temporaries, simple orthodontic appliances and prosthodontic cleaning and polishing.		

DENTAL ASSISTING

DA 135B	SUPERVISED CLINICAL II	05.0
<i>Prerequisite:</i> None		
A continuation of DA125B with clinical training in dental specialties, i.e., endodontics, oral surgery, orthodontics, pediatric dentistry, periodontics, prosthodontics and an overview of oral pathology and dental public health. Thirty (30) hours of lecture and 128 hours of clinical experience are required.		
DA 137B	SPECIALIZED DENTAL ASSISTING	01.0
<i>Prerequisite:</i> None		
An introduction to dental assisting as it relates to the specialties in dentistry, orthodontics, pedodontics, oral surgery, periodontics, endodontics, and prosthodontics. A survey of the role of the dental assistant in public health dentistry is included.		
DA 285B	SELECTED TOPICS IN DENTAL ASSISTING	01.0-06.0
<i>Prerequisite:</i> None		
A course designed to assist the working dental assistant in updating, reviewing and increasing proficiency in a variety of dental assisting areas. One (1) hour class time per week for each credit is required.		

DENTAL HYGIENE

DH 102	ORAL BIOLOGY	04.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Histology and embryology of oral structure formation. Clinical recognition of normal oral structures, study of physiological and structural functions of the teeth, head and neck and supporting tissues. Formerly DH 102B.		
DH 103	HEAD AND NECK ANATOMY	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Anatomy of the head and neck with emphasis on structure and physiology of the oral cavity. Formerly DH 103B.		
DH 104	DENTAL HYGIENE I	03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Must be taken in sequence in dental hygiene curriculum. Introduction to dental hygiene practice. Use and care of instruments, medical and dental histories, appointment procedures and clinical operations. (2 hours lecture/discussion) Formerly DH 104B.		
DH 105	INTRO TO CLINICAL PRACTICE	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Must be taken concurrently with DH 104B. Clinical application of diagnostic, preventive and therapeutic procedures utilized in patient care by a dental hygienist. Formerly DH 105B.		
DH 106B	DENTAL SCIENCE CORE	06.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Introduction to dental sciences including embryology, histology, dental anatomy, oral microbiology and head and neck anatomy. (4 hours lecture, 6 hours lab/clinical)		
DH 107	LEGAL AND ETHICAL IMPLICATIONS IN DENTAL HYGIENE	01.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Introduction to professional, legal and ethical concepts in Dental Hygiene. (1 hour lecture/discussion) Formerly DH 107B.		
DH 108B	CONCEPTS OF PREVENTION	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
This course will cover basic concepts of oral hygiene care, adjunctive aids and foundations of preventive oral health services. Topics will include introduction to deposits, stains, and fluorides. (2 hours lecture)		
DH 110	CONCEPTS OF ORAL HEALTH	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Basic concepts of oral health care, adjunctive aids and foundation of preventive strategies. Introduction to product evaluation, disease process, needs assessment, behavior modification, learning principles, deposits, stains and fluoride. Formerly DH 110B.		
DH 112	ORAL RADIOLOGY	03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
A study of the theory of radiology, the techniques of film exposure, processing, mounting and interpreting. Radiation dosage and hazards as well as protection services for patient and operator are stressed. (2 lecture hours, 3 Clinic hours) Formerly DH 112B.		
DH 113	GENERAL AND ORAL PATHOLOGY	03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
The fundamentals of microscopic and gross pathology disease, repair, healing and regression. Recognition of the normal and abnormal in the oral cavity and human body. (3 lecture hours) Formerly DH 113B.		
DH 115	CLINICAL PRACTICE I	03.0
<i>Prerequisite:</i> DH 104B and 105B.		
Practice in performing oral prophylaxis, equipment maintenance and sterilization, patient management, patient education, use of fluorides, charting and inspection of teeth, patient scheduling and follow up care systems. 12 hours clinic. Formerly DH 115B.		

DENTAL HYGIENE

DH 116B	SUPERVISED CLINICAL PRACTICE	01.0-03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
This course is designed to provide continuity of clinical practice from DH 115. The student will continue to improve clinical skills. Graded pass/withdrawal only.		
DH 117	PERIODONTICS I	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
The focus of DH 117 is on advanced instrumentation, ultrasonic devices, root planing, gingival curettage, subgingival irrigation, hypersensitivity treatment, instrument sharpening, care of dental implants and oral prostheses, and other adjunct treatment. Formerly DH 117B.		
DH 120	FUNDAMENTALS OF NUTRITION IN DENTISTRY	03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Introduction to principles of basic biochemistry. Application of nutritional education to dental hygiene practice. (3 hours lecture). Formerly DH 120B.		
DH 198B	SPECIAL TOPICS IN DENTAL HYGIENE	0.5-06.0
<i>Prerequisite:</i> None		
Various short courses, workshops and clinics covering a variety of subjects. This course is for variable credit of one-half to six credits depending upon the course content and the number of hours required.		
DH 202	PHARMACOLOGY	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
A study of drugs by groups with special emphasis on those used in dentistry including their physical and chemical properties, dosage and therapeutic effects. (2 lecture hours). Formerly DH 202B.		
DH 203	SPECIAL PATIENTS	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Considerations in the treatment of patients with specific physical and mental challenges with a special emphasis on the management of the geriatric patient. (2 lecture hours) Formerly DH 203B.		
DH 205	CLINICAL PRACTICE II	05.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Clinical application of diagnostic, preventive, and therapeutic procedures utilized in patient care by a dental hygienist, with increased levels of achievement in all dental hygiene skills. 1 hour seminar, 16 hours clinic. Formerly DH 205B.		
DH 206B	DENTAL MATERIALS	03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Introduction to the physical properties of dental materials in the laboratory. Experience in the manipulation and preparation of those dental materials commonly used in dental practice. (2 lecture hours, 3 lab hours.)		
DH 207	PERIODONTICS II	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
A study of the causes and classification of disease with the principles of treatment. (2 lecture hours) Formerly DH 207B.		
DH 208	COMMUNITY DENTAL HEALTH I	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Functions of health care agencies, literature, epidemiology of dental diseases, community preventive measures, program planning, the geriatric population and dental health educational methods. (2 lecture hours) Formerly DH 208B.		
DH 209	PAIN AND ANXIETY CONTROL	03.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Administration of local anesthetics and nitrous oxide/oxygen analgesia. Pharmacological agents, physical and emotional evaluation of patients, anatomy and neurophysiology. Management of related medical emergencies. (2 hours lecture, 3 hours laboratory.) Formerly DH 209B.		
DH 211	DENTAL MATERIALS & TECHNIQUES FOR DENTAL HYGIENIST	02.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Study of dental materials including physical and chemical properties, manipulation, utilization, and application in dental and dental hygiene procedures. Formerly DH 211B.		
DH 215	CLINICAL PRACTICE III	05.0
<i>Prerequisite:</i> DH 205.		
A continuation of Clinical Practice II. 1 hour seminar, 16 hours clinic. Formerly DH 215B.		
DH 216	PRINCIPLES OF DENTAL PRACTICE	01.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Concepts of dental office management, productivity, marketing, interviewing and responsibilities of professionals. (1 lecture hour.) Formerly DH 216B.		
DH 217	PERIODONTICS III	01.0
<i>Prerequisite:</i> Acceptance to Dental Hygiene program.		
Advanced study of periodontology with special emphasis on new surgical modalities and equipment. Orientation to all aspects of periodontal practice. (1 lecture hour.) Formerly DH 217B.		

DENTAL HYGIENE

DH	218	COMMUNITY DENTAL HEALTH II	02.0
	<i>Prerequisite:</i> DH 208B.		
	Designed to prepare the students to function as an effective oral health practitioner, educator and resource person in a variety of community health settings. Includes field experience. Implement a program designed to change the health status of a target group. (1hour lecture, 3 hours clinic/lab). Formerly DH 218B.		
DH	299B	INDEPENDENT STUDY	01.0-05.0
	<i>Prerequisite:</i> Consent of instructor and program director.		
	Covers selected topics of interest to dental hygiene students, including review of Dental Hygiene National Board Examination. Graded pass/fail only.		

DIESEL TECH

DT	101B	BASIC DIESEL ENGINES	04.0
	<i>Prerequisite:</i> None		
	This course introduces the student to basics of diesel fundamentals through the use of lectures, films, visual inspection and demonstrations. The course objective is to build an educational foundation that will support advanced learning in diesel repair, troubleshooting and preventive maintenance. Formerly HEM, AITD and DTEC 101B.		
DT	106B	HEAVY DUTY TRANSMISSIONS AND POWER TRAINS	05.0
	<i>Prerequisite:</i> None		
	This course is designed to expose the student to the theory, operation and service techniques used in maintaining and repairing manual and automatic transmissions. Drive trains, clutches, differentials, power dividers, reduction gears and power takeoffs will be covered. Formerly HEM, AITD and DTEC 108B.		
DT	107B	HEAVY DUTY DRIVE TRAINS	05.0
	<i>Prerequisite:</i> None		
	This course provides students with introductory level basics on Heavy Duty Drive Trains including study in components, maintenance, diagnostics and repair. This course exceeds the student contact hours required for NATEF/ASE certification and prepares the learner for the ASE Certification Examination in Medium/Heavy Duty Drive Trains which assures the learner's ability to succeed as an entry-level Heavy Duty Drive Train technician specialist. Formerly DTEC 245B.		
DT	110B	HEAVY DUTY ELECTRICAL SYSTEMS	03.0
	<i>Prerequisite:</i> None		
	This course provides the student with theory, knowledge, information and basic skills for the understanding of electricity and how it pertains to diesel powered equipment. Topics will include starters, charging, electrical controls, power generation and electrical systems. Formerly HEM, AITD and DTEC 110B.		
DT	111B	ADVANCED DIESEL ELECTRICITY	03.0
	<i>Prerequisite:</i> None		
	This course will focus on the equipment associated with power generation using diesel engines. Motors, switch gear, transformers and power transmission will be covered. AC and DC power generation and controls will be covered. A major portion of this course will concentrate on safety. Formerly HEM, AITD and DTEC 111B.		
DT	130B	HEAVY DUTY HYDRAULICS	02.0
	<i>Prerequisite:</i> IMT 208B.		
	Theory of operation and service for heavy duty off-road vehicles and equipment. Topics will include diagnosis and repair of hydraulic pumps, motors, cylinders, and control valves. Formerly HEM, AITD AND DTEC 130B.		
DT	198B	SPECIAL TOPICS IN DIESEL TECHNOLOGY	00.5-06.0
	<i>Prerequisite:</i> None		
	Various short courses and experimental classes covering a variety of subjects. The course will be variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits. Formerly HEM, AITD and DTEC 198B.		
DT	201B	DIESEL BRAKES AND PNEUMATICS	03.0
	<i>Prerequisite:</i> None		
	This course provides students with introductory level basics on Medium/Heavy Duty Truck Brake systems including study in components, maintenance, diagnostics and repair. This course exceeds the student contact hours required for NATEF/ASE certification and prepares the learner for the ASE Certification Examination in Brake Systems which assures the learner's ability to succeed as an entry-level medium/heavy duty truck technician specialist. This course is repeatable for up to seven credits. Formerly DTEC 240B.		
DT	202B	DIESEL FUEL SYSTEMS AND TROUBLE SHOOTING	05.0
	<i>Prerequisite:</i> None		
	This course provides training in overhauling procedures, engine operations, tune-up, diagnostics, failure analysis, use of testing equipment and special tool applications. Formerly HEM, AITD and DTEC 210B.		

DIESEL TECH

DT	210B	ADVANCED DIESEL ENGINES	04.0
	<i>Prerequisite:</i> None		
	This course provides students with introductory level basics on diesel engines including study in components, maintenance, diagnostics and repair. This course exceeds the student contact hours required for NATEF/ASE certification and prepares the learner for the ASE Certification Examination in Diesel Engines and entry-level employment as an engine technician specialist. This course is repeatable for up to fourteen credits. Formerly DTEC 200B.		
DT	211B	LIGHT DUTY PERFORMANCE	02.0
	<i>Prerequisite:</i> None		
	Course will familiarize the student with specific makes of diesel fuel injection equipment used in a worldwide market. Upon completion of the course, students will be able to troubleshoot and service a variety of diesel powered equipment. Formerly HEM, AITD and DTEC 211B.		
DT	217B	ELECTRONIC FUEL INJECTION II	03.0
	<i>Prerequisite:</i> None		
	This course will cover advanced topics in Cummins diesel powered equipment. Specific topics in preventive maintenance, trouble shooting and repair of computer controlled fuel injection systems will be covered. Formerly HEM, AITD and DTEC 232B.		
DT	235B	STEERING AND SUSPENSION	02.0
	<i>Prerequisite:</i> None		
	This course provides students with introductory level basics in Medium/Heavy Duty Truck Steering and suspension including study in components, maintenance, diagnosis and repair. This course exceeds the student contact hours required for NATEF/ASE certification and prepares the learner for the ASE Certification Examination in Light/Heavy Duty Truck Steering and Suspension Systems which assures the learner's ability to succeed as an entry-level medium/heavy duty truck technician specialist. Formerly DTEC 235B.		
DT	250B	PREVENTIVE MAINTENANCE	02.0
	<i>Prerequisite:</i> None		
	This course provides students with introductory level basics in preventive maintenance including study in components, maintenance, diagnostics and repair. This course exceeds the student contact hours required for NATEF/ASE certification and prepares the learner for the ASE Certification Examination in Preventive Maintenance which assures the learner's ability to succeed as an entry-level medium/heavy duty truck technician specialist. This course may be repeated for up to six credits. Formerly DTEC 250B.		
DT	290B	INTERNSHIP IN DIESEL TECHNOLOGY	0.5-06.0
	<i>Prerequisite:</i> DT 101B, 202B and 211B, with 2.0 average and approval of the instructor. DTEC changed to DT.		
	The purpose of this course is to provide diesel power technology students with the opportunity to supplement course work with practical work experience related to the student's Program Session I classroom and lab experience. The course is an extension to and application of the classroom learning through work experience under immediate supervision of experienced personnel at the industry work site. A qualified faculty member directly supervises the student's internship experience by working closely with the student and the employer through telephone contact, site visitations, student reports and reports from the student's supervisor. Credit is awarded (at a rate of 75 hours of work per credit) for the accomplishment of individualized specific occupational learning objectives written by the employer, student and faculty member; maintenance of time sheets; and final report. Student grades will be assigned as a cooperative effort between the faculty member and the job supervisor. May be repeated for 12 credits. Formerly HEM, AITD and DTEC 290B.		

DRAFTING

DFT	100	BASIC DRAFTING PRINCIPLES	03.0-04.0
	<i>Prerequisite:</i> Concurrent recommendation: CADD 100 (formerly DFT 131).		
	This entry level drafting course covers use of drafting instruments, lettering, perception theories, geometric and multi-view problem solving, sketching and dimensioning.		
DFT	110B	BLUEPRINT READING FOR INDUSTRY	03.0-04.0
	<i>Prerequisite:</i> None		
	A course designed to provide the fundamental concepts in reading blueprints required by machine shops, engineering, electrical and welding industries. The course will start with simple prints and proceed to more advanced prints. Formerly DFT 124B.		
DFT	120B	GEOMETRIC DIMENSIONING AND TOLERANCING	03.0
	<i>Prerequisite:</i> DFT 110B.		
	This course will cover geometric dimensioning and tolerancing concepts. It is designed to clarify the tolerance options and their potential use in the manufacturing process.		
DFT	240	INTRODUCTION TO 3D STUDIO MAX	03.0
	<i>Prerequisite:</i> CADD 105 (formerly DFT 131).		
	This course is an introduction to 3D StudioMax. Topics covered will include the 3D StudioMax program interface, managing object and project files, creating a basic scene, modeling, lighting, the materials editor, animation techniques, output of images and animations and introduction to the special effects and plug-in capabilities of 3D StudioMax..		

EARLY CHILDHOOD EDUCATION

ECE 101B	INTRODUCTION TO CHILD CARE	01.0-03.0
<i>Prerequisite:</i> None		
This course will focus on introducing the field of Early Childhood Education to those entering into the child care field. Content areas can include the learning environment, safety and health, an overview of infants, toddlers and preschoolers growth and development, families, program management, guidance and professionalism.		
ECE 121	PARENT CAREGIVER RELATIONSHIPS	01.0
<i>Prerequisite:</i> None		
A course designed for child development students in which they can acquire various communication skills to enhance parent/caregiver relationships. Newsletters, parent conferences, phone conversations, record keeping and student data folders. Formerly HEC 121 and CD 121.		
ECE 123	HEALTH AND NUTRITION FOR YOUNG CHILDREN	01.0
<i>Prerequisite:</i> None		
A study of young children concerning physical development, nutrition, health, safety and childhood illnesses and diseases. Skills developed in menu planning, selecting safe equipment and toys, routines to ensure good health and policies on illness. Formerly HEC 123 and CD 123.		
ECE 124	SENSORIMOTOR DEV INFANTS AND TODDLERS	01.0-03.0
<i>Prerequisite:</i> None		
Study of the development of sensorimotor skills in infants and toddlers. Emphasis placed on developing materials and activities for use in the home and child care setting which will foster sensory and motor skills in children from birth to two years. Formerly HEC 124 and CD 124.		
ECE 125	LANGUAGE DEVELOPMENT INFANT TODDLER	01.0-03.0
<i>Prerequisite:</i> None		
Study of language acquisition in infants and toddlers. Emphasis placed on developing materials and activities for use in the home and child care setting which enhance the development of expressive language in children from birth to three years. Formerly HEC 125 and CD 125.		
ECE 126	SOCIAL/EMOTIONAL DEV FOR INFANTS AND TODDLERS	01.0-03.0
<i>Prerequisite:</i> None		
The study of affective development in infancy and toddlerhood. Emphasis on experiences and techniques for use in the home and child care setting which will foster self-concept and social interactions for children from birth to three years old.		
ECE 127	ROLE OF PLAY FOR INFANTS AND TODDLERS	01.0-03.0
<i>Prerequisite:</i> None		
The study of the role of play as it affects the social, emotional, physical and intellectual growth and development of infants and toddlers. Formerly HEC 127 and CD 127.		
ECE 128	SELF HELP SKILLS FOR INFANTS AND TODDLERS	01.0-03.0
<i>Prerequisite:</i> None		
The study of exploring the ideas that promote self-help skills in the infant and toddler. Emphasis is placed on developing materials and activities for use in the home and child care setting which enhance the development of self-help skills in children from birth to three years.		
ECE 129	ENVIRONMENTS FOR INFANT AND TODDLER	01.0-03.0
<i>Prerequisite:</i> None		
The study of setting up and maintaining an infant/toddler program-environment with emphasis on health and safety concerns, space utilization, equipment, and material needs and usage. Formerly HEC 129 and CD 129.		
ECE 130	INFANCY	03.0
<i>Prerequisite:</i> None		
The course will provide a comprehensive introduction to the principles and basic concepts of the development of the child from conception to age three. Emphasis on the physical, emotional and social growth of the infant as well as understanding of the parenting process and the development of parenting skills.		
ECE 140	ROLE OF THE SPECIAL NEEDS ASSISTANT	01.0
<i>Prerequisite:</i> None		
The student will develop the knowledge and the understanding of the role of the Special Needs Assistant in child care settings serving special needs children from infancy through primary grade levels. Current job descriptions from school districts, day care centers, nonprofit agencies and residential settings will be analyzed.		
ECE 141	BEHAVIOR MGMT IN AN EC SPEC ED CLASSROOM	01.0
<i>Prerequisite:</i> None		
This course will focus on behavior problems relevant to young children with special needs in early childhood special education programs, i.e., Attention Deficit Disorder, Attention Deficit Hyperactivity Disorder and other behavior problems.		
ECE 142	COMM RESRC FOR YOUNG CHILD W/ SPEC NEEDS	01.0
<i>Prerequisite:</i> None		
This course will focus on community agencies and/or related services regarding the special needs child, his or her family and associated professionals. Community agencies and their services will be explored. Federal government legislation will serve as the foundation for all studies, especially as it focuses on the special needs child from birth through five years old. Presentations from a panel of experts will be presented.		

EARLY CHILDHOOD EDUCATION

ECE 143	MEDICAL ASPECTS OF SPECIAL EDUCATION	01.0
<i>Prerequisite:</i> None		
Young children with special needs often have medical problems associated with their disability. This course will focus on many of these medical problems and how to assist children in an early childhood special education classroom.		
ECE 144	FIELD EXP IN EARLY CHILDHOOD SPEC ED	01.0-03.0
<i>Prerequisite:</i> None		
This course will provide students the opportunity to participate in a variety of early childhood special education programs in the local community. These will include Washoe County School District, Happy Program, Special Children's Clinic and the E.L. Cord Foundation Child Care Center.		
ECE 151	MATH IN THE PRESCHOOL CURRICULUM	01.0
<i>Prerequisite:</i> None		
Activities and materials for developing mathematics readiness in the preschool child. Math concepts such as shapes and counting sets will be included. Formerly HEC 151 and CD 151.		
ECE 152	SCIENCE IN THE PRESCHOOL CURRICULUM	01.0
<i>Prerequisite:</i> None		
Activities and materials for teaching science in the preschool. Lectures and hands on activities designed to acquaint the child with the world around him/her. Formerly HEC 152 and CD 152.		
ECE 154	LITERATURE FOR PRESCHOOL CHILDREN	01.0
<i>Prerequisite:</i> None		
Survey of books for use with preschool children. Included are criteria for selecting and using children's literature, techniques of story telling with and without audiovisual aids such as puppets, flannel graphs, and story rolls. Formerly HEC 154 and CD 154.		
ECE 155	LITERACY AND THE YOUNG CHILD	01.0
<i>Prerequisite:</i> None		
Activities and materials for developing auditory and visual perception skills in the preschooler. Included are techniques for the development of language skills through experiences in listening, speaking, prewriting and reading readiness. Formerly HEC 155 and CD 155.		
ECE 156	MUSIC IN THE PRESCHOOL CURRICULUM	01.0
<i>Prerequisite:</i> None		
Teaching techniques and music activities for preschool children, including songs, finger plays, dance and rhythm activities. Formerly HEC 156 and CD 156.		
ECE 157	ART IN THE PRESCHOOL CURRICULUM	01.0
<i>Prerequisite:</i> None		
Activities and materials for teaching art in the preschool. Emphasis on developing creativity and enjoyment of art through the use of a wide range of materials and activities. Formerly HEC 157 and CD 157.		
ECE 158	ACTIVITIES FOR PHYSICAL DEVELOPMENT IN YOUNG CHILD	01.0
<i>Prerequisite:</i> None		
Activities, materials and equipment for development of gross motor coordination in preschool children. Individual, small group and large group activities for both indoor and outdoor use will be included. Formerly HEC 158 and CD 158.		
ECE 159	AFTER SCHOOL ACTIVITIES	01.0
<i>Prerequisite:</i> None		
The primary objectives of this workshop are to (1) provide a learning experience in the development of programs for children in after-school programs and (2) develop methods and hands-on training in dealing with groups and individuals in after-school programs. Formerly HEC 159 and CD 159.		
ECE 161	SOCIAL STUDIES IN THE PRESCHOOL CURRICULUM	01.0
<i>Prerequisite:</i> None		
Activities and materials for teaching social studies in the preschool, with specific content appropriate for young children, drawn from anthropology, economics, geography, history, political science, sociology and psychology. Emphasis on methods of teaching children about themselves, their families and their communities. Formerly HEC 161 and CD 161.		
ECE 167	CHILD ABUSE AND NEGLECT	01.0
<i>Prerequisite:</i> None		
This course will provide the opportunity for students to learn the legal definition, symptoms, causes and reporting procedures of child abuse and neglect. The course will include discussion of the roles and responsibilities of community agencies such as law enforcement, social services, child care personnel, medical and psychosocial professionals. Formerly HEC 167 and CD 167.		
ECE 168	INFECTIOUS DISEASES AND 1ST AID IN CHILDCARE	01.0
<i>Prerequisite:</i> None		
This course will provide information about infectious diseases and first-aid measures in child care settings. Course content will include recognizing communicable and acute illnesses, management of accidents and injuries, preventive measures, health education, current research and community resources. Formerly HEC 168 and CD 168.		

EARLY CHILDHOOD EDUCATION

ECE 169	BILINGUAL AND MULTICULTURAL EXPERIENCE IN ECE	01.0
<i>Prerequisite:</i> None		
A general introduction to life-styles, values, and socioeconomic conditions of children from bilingual/bicultural families. Students are introduced to strategies, materials and resources designed to help them enhance bilingual/multicultural experiences in the classroom. Formerly HEC 169 and CD 169.		
ECE 198B	SPECIAL TOPICS	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects in child development. The course will be of variable one-half to six credits depending on the course content and number of hours required. The course may be repeated up to a total of six credits. Formerly HEC 198B and CD 198B.		
ECE 200	THE EXCEPTIONAL CHILD	03.0
<i>Prerequisite:</i> None		
The study of children with physical, social, emotional and/or intellectual disabilities with emphasis on techniques for mainstreaming the children into existing child care programs. Suggested classroom activities for children with disabilities will be included. Formerly HEC 200 and CD 200.		
ECE 204	PRINCIPLES OF CHILD GUIDANCE	03.0
<i>Prerequisite:</i> None		
A study of effective communication with children in guiding behavior. Emphasis will be placed on techniques which help children build positive self-concepts and individual strengths within the context of appropriate limits and discipline. The study includes uses of direct and indirect guidance techniques as well as introduction to guidance systems. Formerly HEC 204 and CD 204.		
ECE 231	PRESCHOOL PRACTICUM: CHILD DEVELOPMENT LAB	01.0-05.0
<i>Prerequisite:</i> ECE 131, 204, 234 and HDFS 201.		
Working in a preschool setting with young children and their families on three levels of competence: (1) aide, (2) assistant and (3) head teacher. Practicum will normally be taken during the final year of the child development program. Students who receive either the Early Childhood Education Certificate of Achievement or AAS must complete practicum credits through TMCC. Formerly HEC 231 and CD 231.		
ECE 233	PRACTICUM IN EARLY CHILD SPEC EDUCATION	02.0-05.0
<i>Prerequisite:</i> All ECE core courses, as well as, ECE 140, 141, 142, 143, 144, 234 and 235.		
Students will work in two different early childhood special education programs with young children with special needs. One site will be a self-contained classroom with Washoe County School District and the other an inclusion program at the TMCC campus. Students who receive their AAS in Early Childhood Education with an emphasis in Special Education must complete practicum credits through TMCC.		
ECE 235	ADOPTING CURRICULA FOR YNG CHILDREN/SPECIAL NEEDS	03.0
<i>Prerequisite:</i> ECE 131 or 234.		
The study of educational procedures used to work with young children with special needs and their families. Validated teaching procedures will be introduced to the students. These include identification and referral, program planning, organizing the learning environment, promoting behavior change and curriculum domains. Formerly HEC 235, CD 235 and ECE 251.		
ECE 236	PRACTICUM WITH INFANTS AND TODDLERS	02.0-05.0
<i>Prerequisite:</i> All ECE core courses, as well as, ECE 124, 125, 126, 127, 128, 129, 131, 204 and HDFS 201.		
Working in an infant/toddler setting with young children and their families on three levels of competence: 1) aide, 2) assistant and 3) head teacher. Practicum will normally be taken during the final year of the program. Students who receive their AAS in Early Childhood Education with an emphasis in Infant/Toddler must complete practicum credits through TMCC.		
ECE 240	ADMINISTRATION OF THE PRESCHOOL	03.0
<i>Prerequisite:</i> ECE 131, 251 (formerly ECE 234), HDFS 201 or permission of the instructor.		
The study of the program management of an early childhood education program. Areas include program planning, implementation, and evaluation, facilities development and maintenance, parent and community interaction, nutrition, health and safety issues and personnel development. Formerly HEC 240 and CD 240.		
ECE 250	INTRODUCTION TO EARLY CHILDHOOD EDUCATION	03.0
<i>Prerequisite:</i> None		
An introduction to early childhood education. A course which includes the history of child care, regulations, types of programs, legal issues, professional opportunities and current trends and issues. Emphasis is placed on the role of the preschool teacher in enhancing the social, emotional, physical and intellectual growth of preschool-aged children. Formerly HEC 131, CD 131 and ECE 131.		
ECE 251	CURRICULUM IN EARLY CHILDHOOD EDUCATION	03.0
<i>Prerequisite:</i> ECE 250, HDFS 201 and permission of the instructor.		
This course will consist of methods of planning and teaching curriculum for children 3-5 years old. Included will be curriculum development, children's play, lesson planning and daily scheduling. Emphasis will be on curriculum development for children 3-5 years old in areas such as art, science, literature, music, language arts, blocks, dramatic play, etc. Formerly ECE 234.		

EARLY CHILDHOOD EDUCATION

ECE 290B	INTERNSHIP IN EARLY CHILDHOOD EDUCATION	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. May be repeated for up to eight credits.		

ECONOMICS

ECON 102	PRINCIPLES OF MICROECONOMICS	03.0
<i>Prerequisite:</i> None		
The study of the allocation of resources to alternative uses in producing the nation's output and the role of relative prices in distributing these goods and services. Topics include: demand and supply, consumer behavior, business decision-making and market structures. This course is offered via telecourse alternate semesters. See class schedule for details. Satisfies UNR Social Science core curriculum.		
ECON 103	PRINCIPLES OF MACROECONOMICS	03.0
<i>Prerequisite:</i> None		
The study of the determination of output, employment and investment levels and strategies to promote growth, efficiency, equity and stability in the economy. Topics include: demand and supply, measurement of GDP, price fluctuations and the banking system. This course is offered via telecourse alternate semesters. See class schedule for details. Satisfies UNR Social Science core curriculum. Formerly ECON 101.		
ECON 104	CURRENT ECONOMIC ISSUES	03.0
<i>Prerequisite:</i> ECON 102 or 103 (formerly ECON 101).		
Analysis of the economic news of the day and its importance to consumers, business persons and voters. Discussion of the possible future economic effects of current policies and actions. Economic theories and concepts basic to the analysis of current events are reviewed, explained and applied.		
ECON 198B	SPECIAL TOPICS IN ECONOMICS	01.0-03.0
<i>Prerequisite:</i> Prerequisites may be required on a course-by-course basis depending on the course content.		
Various short courses and experimental classes covering a variety of subjects. The course will be variable credit of one to three credits depending on the course content and number of hours required. The course may be repeated for up to three credits.		
ECON 240	SOCIAL SCIENCE RESEARCH METHODS	03.0
<i>Prerequisite:</i> Statistics recommended.		
An overview of the methods and analytical techniques used in the research of social phenomena. Emphasis will be on the design and execution of research.		
ECON 261	PRINCIPLES OF STATISTICS I	03.0
<i>Prerequisite:</i> MATH126 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
The study of the collection, analysis, presentation and interpretation of data in order to make good decisions. Topics include: descriptive statistics, exploratory data analysis, probability and sampling distributions, indices and decision theory.		
ECON 262	PRINCIPLES OF STATISTICS II	03.0
<i>Prerequisite:</i> ECON 261 or approval of instructor.		
The study of statistical methods, induction and the design of experiments which allow the estimation and testing of claims based on sample information. Topics include estimation and hypothesis testing, analysis of variance, correlation and regression, times series analysis, nonparametric and statistical process control.		
ECON 290B	INTERNSHIP IN ECONOMICS	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits.		

EDUCATION PROF. DEVELOPMENT

EPD 100B	INTERCULTURAL COMMUNICATION	02.0
<i>Prerequisite:</i> None		
This course provides students with a basic knowledge of the different values, traditions, customs, religions and other differences among major world cultures so that they can communicate effectively and with ease with persons from other cultures. Students taking this course will be required to participate in classroom dramatization, role-playing and other interactive activities to increase their confidence in communicating with people of varying cultural backgrounds. Formerly EDUC 100B.		

EDUCATION PROF. DEVELOPMENT

EPD 102B	INTERNATIONAL CAREERS	02.0
<i>Prerequisite:</i> None		
This course teaches the students how to research international career opportunities. The student will also learn how to contact foreign corporations, government agencies and not-for-profit organizations to obtain international job opportunity information. The student will be required to send six or more job applications to foreign countries in which he or she would like to work. Formerly EDUC 102B.		
EPD 105B	TEACHING BASIC LITERACY	02.0
<i>Prerequisite:</i> None		
This course is designed to introduce students to various techniques of teaching basic literacy to illiterate populations. The techniques that are covered include the Lau Bach Way to Reading Technique, the Literacy Volunteers of America's Tutoring Technique, the Phonics Way of Teaching Literacy and other teaching techniques currently being used nationally to teach or tutor students who want to learn to read and write in English. Students will critique each other on their abilities to utilize the various literacy techniques taught in this class. Formerly EDUC 105B.		
EPD 110B	COMMUNITY COLLEGE TEACHING-LEARNING	02.0
<i>Prerequisite:</i> None		
This course is specifically designed for practicing part-time community college instructors who wish to gain knowledge, insights and skills in teaching-learning practices advocated by progressive educators and community colleges. Through collaborative learning, students and facilitators will investigate and share student data, teaching-learning strategies and complete projects which will lead to better teaching organization, management, preparation and delivery. Formerly EDUC 110B.		
EPD 271B	ESL TEACHING METHODS	03.0
<i>Prerequisite:</i> None		
This course provides basic ESL teaching skills to students who are interested in being ESL tutors or teaching assistants in schools, businesses or colleges. Various basic ESL teaching techniques will be covered in this class. Students will utilize one of these basic ESL teaching/tutoring techniques during their ESL internship practicum and will be required to demonstrate a mastery of a basic technique at the end of the course. Formerly EDUC 104B.		
EPD 295B	SPECIAL TOPICS IN EDUCATIONAL PROFESSIONAL DEVLPMT	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. This course is for variable credit of one-half to six credits depending upon the course content and number of hours required. This course may be repeated for up to six credits. Formerly EDUC 198B.		

EDUCATION TEACHER PREP

EDU 201	INTRODUCTION TO ELEMENTARY EDUCATION	03.0
<i>Prerequisite:</i> None		
Introduction to historical, philosophical, sociological and psychological foundations of elementary education., overview of curriculum, instruction and issues of diversity. Includes a field experience. Formerly CI 160.		
EDU 202	INTRODUCTION TO SECONDARY EDUCATION	03.0
<i>Prerequisite:</i> None		
Introduces the prospective middle/secondary teacher to the role of thinker/reflective practitioner. Awareness of the historical, political and economic forces influencing schooling in the United States. Includes a field experience. Formerly CI 201		
EDU 203	INTRODUCTION TO SPECIAL EDUCATION	03.0
<i>Prerequisite:</i> None		
Survey of various types of exceptionalities. Emphasis on etiology, physical and educational characteristics. Satisfies TMCC Diversity requirement. Formerly CI 210.		
EDU 204	INFORMATION TECHNOLOGY IN TEACHING	03.0
<i>Prerequisite:</i> None		
This course identifies and illustrates microcomputer applications in education. The hardware/software selection process is presented as well as uses of word processing, spreadsheet and Internet programs. Designed for teachers seeking a practical knowledge of how to operate and utilize microcomputers in the classroom. Special instruction fees. Formerly CEP 210.		
EDU 206	CLASSROOM LEARNING ENVIRONMENTS	03.0
<i>Prerequisite:</i> EDU 201.		
This course is designed to acquaint prospective teachers with the daily business of structuring a learning environment which accommodates a variety of student needs using appropriate teaching strategies and behavior management techniques. Includes a field experience. Formerly CI 260.		
EDU 207	EXPLORATION OF CHILDREN'S LITERATURE	03.0
<i>Prerequisite:</i> None		
Survey of children's literature genres. Censorship, historical background, children's interests, literature programs, and book evaluations. Same as ENG 250.		

EDUCATION TEACHER PREP

EDU 208	STUDENTS WITH DIVERSE ABILITIES AND BACKGROUNDS	03.0
<i>Prerequisite:</i> EDU 203.		
Focus on successful inclusion of students with various disabilities, students from culturally diverse backgrounds, and English language learners in a general education classroom. Formerly CI 211.		
EDU 209	EXPLORING TEACHING AND LEARNING: PRACTICUM	01.0
<i>Prerequisite:</i> Corequisite: EDU 211.		
This practicum experience introduces prospective Dual Elementary/Special Education and Special Education teachers to teaching and learning contexts and developing professional dispositions. Emphasis is placed on differentiated instruction based on learner needs in local classrooms. Formerly CI 212.		
EDU 211	INTRODUCTION TO TEACHING IN AN INCLUSIVE CLASSROOM	03.0
<i>Prerequisite:</i> None		
This introductory teaching methods course emphasizes instructional techniques applicable in all content areas and prepares students to begin to differentiate instruction based on learner needs.		
EDU 212	FAMILY INVLMNT FOR STUDENT WITH/WITHOUT DISABILITY	03.0
<i>Prerequisite:</i> None		
Focus on academic progress and social-emotional development through collaborative and productive professional relationships with families of students with and without disabilities.		
EDU 214	PREPARING TEACHERS TO USE TECHNOLOGY	03.0
<i>Prerequisite:</i> EDU 204 or placement test.		
Lab course on advanced skills and strategies for integrating information technology in to the classroom. Special instructions fees.		
EL 101	EDUCATIONAL EXPERIENCE	03.0
<i>Prerequisite:</i> None		
Introduction to the basic philosophical, sociological, psychological, historical, legal and anthropological foundations of education. Meets state certification requirements in Nevada school law.		

ELECTRICAL TRADES

ELCT 091	ELECTRICAL TRADES FOUNDATION I	02.0
<i>Prerequisite:</i> None		
This course introduces students to basic skills required for residential and commercial electrical installation and repair in the construction industry.		

ELECTRONICS

ET 100B	SURVEY OF ELECTRONICS	04.0
<i>Prerequisite:</i> None		
An electronic curriculum, prepared by the International Electronics Teachers Association (IETA) and endorsed by the Electronic Industries Association and the Electronic Industries Foundation, provides student-learner technical and applied academic tasks for the creation of this course. Course content is specifically designed for: 1) high school students enrolled in the TMCC/WCSD 2+2 Electronics Technology Program, and 2) as a prerequisite entrance for all students entering TMCC's Electronics Technology Program.		
This course covers a broad overview of most aspects of knowledge and job skills required in the electronics industry for employment purposes. It is not designed to be a terminal course leading to entry-level technician employment. It is a survey course.		
ET 107B	ELECTRICAL MEASUREMENTS	02.0
<i>Prerequisite:</i> None		
A basic course in electrical measurements for electronics and non-electronics majors. This course concentrates on measurement instruments, and procedures common in technical programs. Course topics include meters; oscilloscopes; basic DC and AC circuits; and measurement methods. Knowledge of some mathematics and communication skills is recommended. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 111B	THRU-HOLE ASSEMBLY AND REPAIR	02.0
<i>Prerequisite:</i> None		
This basic course in soldering provides students with the necessary knowledge and skills to attain proficiency in making high reliability solder connections. With successful completion of all competencies, students receive a PACE Thru-Hole Certification. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 112B	DC AND SEMICONDUCTORS	04.0
<i>Prerequisite:</i> MATH 096 or 190B or approval of instructor.		
This course covers the theory of DC circuit, Ohm's law and Kirchhoff's law; and Thevenin and other basic theorems that are applicable to DC circuitry and RC networks. Introductory semiconductor theory includes, but not limited to, the analysis of diodes and bipolar transistors with DC biasing. Teaching-learning methodology includes lecture, lab, and computer-assisted instruction. Students may challenge this course by successfully completing the course challenge examination. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		

ELECTRONICS

ET 113B	SURFACE MOUNT ASSEMBLY AND REPAIR	02.0
<i>Prerequisite:</i> ET 111B.		
This soldering course provides student with the knowledge and skills necessary for manual assembly and rework of surface mount components (SMT): chip components; PLCCs; QFPs; SOICs; SOJs; SOTs; TSOPs. Component installation and removal procedures focus on manual conductive (soldering iron), and manual or semi-automated convective (hot air) heating methods. With Successful completion of all competencies, students receive a PACE Surface Mount Certification. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 114B	AC AND SEMICONDUCTORS	04.0
<i>Prerequisite:</i> ET 112B.		
This course covers the theory of AC circuits and semiconductors. Study includes: basic AC laws and theorems, resistors, capacitors and inductors with RCL circuits, series and parallel resonance, small signal amplifiers with CE, CB and CC circuits, AC load lines, coupling and bypass capacitors, frequency response, voltage gain and power gain, impedance. Teaching-learning methodologies includes lecture, lab and computer-assisted instruction. Student may challenge this course by successfully completing the challenge examination. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 198B	SPECIAL TOPICS IN ELECTRONICS TECHNOLOGY	0.50-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course is variable credit of one-half to six credits depending on the course content and number of hours required. This course may be repeated for up to six credits.		
ET 220B	SOLID STATE ELECTRONICS	04.0
<i>Prerequisite:</i> ET 114B.		
This course is a study of modern electronic devices including diodes, transistors and associated electronic circuits; also covered is small signal and power amplifiers with CE, CB, CC, feedback principles, electronic power supplies and related circuitry. Teaching-learning methodologies includes lecture, lab and computer-assisted instruction. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 222B	OPERATIONAL AMPLIFIERS AND LINEAR ICS	04.0
<i>Prerequisite:</i> ET 220B.		
This course covers the study of operational amplifiers (Op amp), including the theory of differential amplifiers and analog circuitry. Course instruction includes: op amp characteristics, frequency response, voltage and power gain, input and output impedance, inverting and non-inverting amplifiers, negative and positive feedback with amplifiers, active filters, oscillators and other commonly used circuits. Teaching-learning methodologies includes lecture, lab and computer-assisted instruction. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 234B	COMMUNICATIONS SYSTEMS	01.0-04.0
<i>Prerequisite:</i> ET 220B and 280B.		
This course prepares students to acquire knowledge to pass FCC communications license examinations. The course includes Radio station law and regulations; circuit analysis of amplifiers, oscillators, antennas, transmitters and receivers. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 270B	ELECTRONIC BENCH SERVICE TECH	04.0
<i>Prerequisite:</i> ET 222B and 280B.		
Analysis and servicing techniques for the maintenance of electronics systems. Emphasis is on laboratory and field service test equipment. Troubleshooting, repairing, cleaning, calibration and alignment of meters, oscilloscopes, counters, generators and power supplies. Lecture and laboratory.		
ET 280B	DIGITAL ELECTRONICS	04.0
<i>Prerequisite:</i> ET 112B, may be taken concurrently.		
This course introduces digital concepts, microprocessor related topics and computer technology through the analysis of TTL and CMOS logic circuitry. Number systems, postulates, theorems and logic gates are used with counters, shift registers, adders and subtractors. Oscilloscope, logic analyzer and other digital test equipment are extensively used. Teaching-learning methodology includes lecture, lab and computer-assisted instruction.		
ET 282B	MICROPROCESSORS I	04.0
<i>Prerequisite:</i> ET 220B and 280B.		
This course introduces Motorola 6800/68000 microprocessors, instruction sets and family components. Students learn to write 6800/68000 assembly language programs, and use PIA, interrupts, timing and control for interfacing. All programming and I/O to external circuits are performed with a 6800/68000 microcomputer-trainer. Teaching-learning methodologies includes lecture, lab and computer-assisted instruction. Instruction is with lecture, laboratory and computer-assisted instruction (CAI).		
ET 290B	INTERNSHIP IN ELECTRONICS TECHNOLOGY	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.		

ELECTRONICS

ET 299B	SPECIAL TOPICS IN ELECTRONICS	01.0-03.0
<i>Prerequisite:</i> Approval from department chairman.		
Student may enroll in research not included in existing courses. Assignments will provide specialized training in advanced topics.		

EMERGENCY MED TECH/PARAMEDIC

EMTP 122B	PEDIATRIC ADVANCED LIFE SUPPORT	01.0
<i>Prerequisite:</i> EMTP 102B, 104B, 106B, 108B, 110B, 114B and 120B or approval from the paramedic program instructor.		
This course in advanced pediatric emergency care is designed for the individual who provides care for the pediatric patient. Didactic and skill sessions instruct the student in the assessment and management of pediatric patients requiring advanced life support according to American Heart Association standards.		
EMTP 126B	PARAMEDIC FIELD ROTATION I	05.0
<i>Prerequisite:</i> EMTP 102B.		
This course is designed to provide the student in the paramedic program the opportunity to apply the cognitive knowledge and psychomotor skills gained in the classroom and hospital settings. Application will be in the prehospital (field) environment supervised by an assigned preceptor. Emphasis will be placed on patient assessment and management in the field.		
EMTP 198B	SPECIAL TOPICS IN EMERGENCY MEDICAL	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		

EMERGENCY MEDICAL SERVICE

EMS 101B	CPR AND FIRST AID	01.0
<i>Prerequisite:</i> None		
This course is a video-based instructional module in CPR and First Aid. It includes peer practice, manikin practice, and case discussions. This course may be conducted to train students in the academic setting or to provide emergency training in the workplace.		
EMS 108B	EMERGENCY MEDICAL TECHNICIAN I BASIC TRAINING	07.0
<i>Prerequisite:</i> Current Healthcare Provider CPR card, proof of health insurance, MMR, TD, Hepatitis B, 2-step TB skin test and 18 years of age.		
This course is designed for individuals who anticipate working with an ambulance service, a hospital emergency department, fire department, police department, mining operation or in other occupational fields where medical emergencies are common. At the successful completion of this course, the student will receive EMT-Basic Certification from the State of Nevada. Student must be 18 years old to enter class.		
EMS 109B	EMERGENCY MEDICAL SERVICE REFRESHER	02.0
<i>Prerequisite:</i> Current EMT Basic or Intermediate Certification.		
The Emergency Medical Technician refresher course is offered for individuals who wish to recertify their EMT-Basic or Intermediate certification as well as renewing their CPR certification. This course will recertify EMT-Basic and Intermediate certificates for a two year period.		
EMS 110B	EMERGENCY MEDICAL TECH INSTRUCTOR TRAINING	03.0
<i>Prerequisite:</i> EMT I Basic certification and department approval.		
This course trains instructors to teach the Department of Transportation Basic Training Program for Emergency Medical Technician-Ambulance. The course emphasis is on the development of teaching skills as opposed to emergency care skills. Course includes the following: 1) components of teaching-learning process; 2) methods of teaching (teaching theory and teaching skills); 3) preparation and use of a variety of media and materials; and 4) purposes and methods of evaluation.		
EMS 112B	EMT II - ENHANCED THERAPY	03.0-05.0
<i>Prerequisite:</i> Nevada EMT-B Certification, current Healthcare Provider CPR card (AHA or ARC), proof of health insurance, MMR, Hepatitis B, TD and 2-step TB skin test within 1 year.		
Emergency Medical Technician - Enhanced will allow the student to work in the pre-hospital care environment. The student will build upon skills learned in the EMT-Basic class and learn how to perform invasive skills. This class will teach the student how to orally intubate a non-breathing patient, start an intravenous (IV) line, and administer medications via many different routes. The student will also learn more information on body systems and disease processes in both adults and children.		
EMS 113B	EMS FIRST RESPONDER	03.0
<i>Prerequisite:</i> None		
This course emphasizes development of student skills in patient assessment and emergency medical care procedures including life threatening emergencies, injuries to various body parts, emergency childbirth, techniques of moving patient, etc.		
EMS 114B	FIRST RESPONDER REFRESHER	01.0
<i>Prerequisite:</i> None		
This 16-hour course is designed to review and update knowledge and skills in the First Responder (EMS 113B) course for those persons who have been certified as First Responders.		

EMERGENCY MEDICAL SERVICE

EMS 127B	PARAMEDIC CLINICAL PRACTICE I	02.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Supervised application in a hospital and prehospital setting of the skills learned in aggregate Paramedic Training. Emphasis will be on patient assessment, recognition and management of medical and trauma emergencies. Formerly EMTP 124B.		
EMS 129B	PARAMEDIC FUNDAMENTALS	03.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic program.		
Basic aspects of patient assessment, airway management, medical and legal considerations, and the moral and ethical aspects of pre-hospital emergency care. Formerly EMTP 100B.		
EMS 145B	ESSENTIALS OF PARAMEDIC MEDICINE	03.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Course will allow the participant to apply the information gained from previous course work. Basic aspects of EMS systems, patient assessment skills, documentation, advanced airway procedures, and special circumstances such as assault and abuse, bioterrorism, and crime scene awareness will be addresses. This course will be tailored to advancing students' understanding of these subjects through both lecture and hands-on practice. Formerly EMTP 104B.		
EMS 165B	PATHOPHYSIOLOGY FOR PARAMEDICS	03.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
A correlative approach to pathophysiology employing both physical assessment skills and basic cellular understanding to the various disease entities and trauma process. Formerly EMTP 102B.		
EMS 166B	PARAMEDIC TECHNOLOGY	04.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Instructs in the recognition and management of medical and traumatic emergencies, which include advanced airway management, advanced invasive procedures, medication administration, and electrical therapy modalities. Formerly EMTP 116B.		
EMS 167B	PARAMEDIC CLINICAL PRACTICE II	02.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Supervised application in a hospital and prehospital setting of the skills learned in aggregate Paramedic Training. Emphasis will be on patient assessment, recognition and management of medical and trauma emergencies. Formerly EMTP 125B.		
EMS 168B	ELECTROPHYSIOLOGY/ELECTROCARDIOGRAPHY	03.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Instructs in the anatomy and physiology of the condition system of the heart, the electrical system and electrocardiography, abnormal EKG patterns and recognition and management of dangerous or life-threatening dysrhythmias. Includes an introduction to 12-lead EKG interpretation. Formerly EMTP 112B.		
EMS 169B	ADVANCED CARDIAC LIFE SUPPORT	01.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program or permission and current AHA healthcare provider CPR card.		
Instructs in the most current standards of the American Heart Association for ACLS. Class is offered in seminar format over two days. Formerly EMTP 114B.		
EMS 171B	PREHOSPITAL TRAUMA LIFE SUPPORT (PHTLS)	01.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program or department approval.		
Instructs in assessment and management of the critical trauma patient according to national PHTLS format. Course is ALS format, but may be suitable for very experienced intermediate level providers. Class is offered in seminar format over two days. Formerly EMTP 120B.		
EMS 172B	VEHICLE EXTRICATION FOR PARAMEDICS	03.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Vehicle extrication operations level is a participative course designed for pre-hospital care providers in NFPA 1670. Enhances and incorporates new knowledge and skills necessary to access, extricate, and care for victims of crash incidents. Provides knowledge in scene management and familiarization with local resources needed to mitigate incidents. Provides knowledge for competence at hazardous materials awareness levels. Includes national Fire Academy ICS EMS training. Formerly EMTP 110B.		
EMS 173B	PARAMEDIC FIELD INTERNSHIP	03.0
<i>Prerequisite:</i> Completion of TMCC Paramedic training to date, provisional Paramedic Certificate.		
Field internship allowing students to practice and apply advanced life support knowledge and skills. Each student will be a third person on a Paramedic rescue unit and will work directly with a Paramedic preceptor. Formerly EMTP 127B.		
EMS 176B	PEDIATRICS FOR PARAMEDICS	04.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Instructs in a comprehensive approach to the pediatric patient from birth to adolescence. Course will include AHA-Pediatric Advanced Life Support Curriculum (PALS). Formerly EMTP 118B.		
EMS 185B	ADVANCED EMERGENCY CARE	03.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Instructs in the recognition and management of medical and traumatic emergencies, which includes advanced care of hemorrhage and shock, traumatic brain injuries, burns, thoracic and abdominal trauma, allergies and anaphylaxis, toxicology, and hazmat operations. Formerly EMTP 108B.		

EMERGENCY MEDICAL SERVICE

EMS 198B	SPECIAL TOPICS IN EMS	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
EMS 202B	ADVANCED ECG INTERPRETATION	02.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
Introduction to 12 lead ECG interpretation. Topics will include intraventricular conduction delays, myocardial ischemia, injury, and infarction. Will also include pre-excitation syndrome, bundle branch blocks, ectopy, and advanced dysrhythmia. Formerly EMTP 113B.		
EMS 220B	ADVANCED PARAMEDIC SKILLS	02.0
<i>Prerequisite:</i> Current enrollment in TMCC Paramedic Program.		
This course will allow the participant to apply the information gained from Pathophysiology, Electrophysiology, Pharmacology, Paramedic Fundamentals, Paramedic Technology, Pediatrics, ACLS, PHTLS< PALS/PEPP, and CPR. All aspects of the EMS system will be addressed. This course is tailored to advancing the students understanding of all Paramedic subjects through practical skill scenarios. Formerly EMTP 132B.		
EMS 285B	SELECTED TOPICS IN EMS	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and workshops covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		

ENGINEERING

ENGR 100	INTRODUCTION TO ENGINEERING DESIGN	03.0
<i>Prerequisite:</i> None		
This course is an overview of engineering practice and provides exposure to the environment in which engineers work. The course introduces the design process including initial conceptualization (sketching), detailed drawings (drafting), and prototype fabrication (machine shop). Learning to work as part of an engineering team is a central part of this course.		

ENGLISH

ENG 081 A	ESL LISTENING AND SPEAKING	03.0
<i>Prerequisite:</i> Accuplacer test scores.		
ENG 081A is an ESL listening and speaking course in which students learn and practice pronunciation and listening skills based on academic content. Using topics typically covered in college courses, students engage in dialogues and discussions, take lecture notes, prepare oral presentations and learn to recognize and use various communication patterns. Pass/withdraw grading. Course may be repeated for up to 6 credits.		
ENG 081 C	BASIC SKILLS IN READING	03.0
<i>Prerequisite:</i> Accuplacer test score.		
ENG 081C is a reading class designed to help students--especially ESL students--improve their reading skills in preparation for college courses. Goals of this class are to improve confidence, fluency, speed and accuracy in reading. Pass/withdraw grading. May be repeated for up to 6 credits. Formerly ENG 081. Repeatable up to 6 credits.		
ENG 081 D	BASIC ESL WRITING	03.0
<i>Prerequisite:</i> Accuplacer test scores.		
This course assists the ESL student to develop basic writing skills, providing practice in developing short, well organized paragraphs in several rhetorical styles. Students learn techniques for revising their own writing with attention to identifying grammar and spelling problems and to expanding vocabulary. Formerly ENG 052. Repeatable up to 6 credits.		
ENG 083	PRONUNCIATION AND SPELLING FOR NON-NATIVE SPEAKERS	03.0
<i>Prerequisite:</i> Accuplacer placement of English 081 level or above.		
ESL students will learn the skills to self-correct their pronunciation and spelling problems. Students will understand the relationship between written and spoken English. This course is ideal for students who experience persistent pronunciation and/or written communication problems.		
ENG 085	SPELLING AND GRAMMAR	01.0-03.0
<i>Prerequisite:</i> None		
Development of basic skills needed to understand and master problems with spelling and English grammar. Course includes systematic practice in correct spelling, grammar and punctuation. Pass/Withdraw grading.		
ENG 088	ESL GRAMMAR	03.0
<i>Prerequisite:</i> Qualifying Accuplacer test score or completion of ENG 081A, ENG 081C, and ENG 081D.		
ENG 088, an intermediate-level English grammar course for non-native speakers, builds understanding of the forms, meanings and uses of key grammar structures --- especially those expected in formal written communications. Application of grammar to the development and editing of the students' own writing and to understanding of written texts is emphasized. This course is especially useful for students taking the ENG 112D, 113 or 114 writing courses. Grading is P/W; the course may be repeated for up to six credits.		

ENGLISH

ENG 090	BASIC WRITING I	03.0
<i>Prerequisite:</i> Accuplacer testing recommended.		
An intensive course designed to develop writing skills. A step-by-step review of grammatical relationships, sentence patterns, punctuation and usage with concentration on the writing of expository paragraphs and essays. Student writing will primarily be generated from the critical reading of texts taken from across the disciplines. Upon successful completion of the course, the student may move directly into English 101. Pass/Withdraw grading. May be repeated for a maximum of six credits.		
ENG 097	BASIC TECHNICAL COMMUNICATIONS	03.0
<i>Prerequisite:</i> None		
Individualized instruction in reading technical texts and writing short reports similar to those required in business and industry. Designed for students in industrial technology courses.		
ENG 101	COMPOSITION I	03.0
<i>Prerequisite:</i> ENG 090 or equivalent or qualifying Accuplacer, SAT/ACT test results.		
Writing intensive course designed to strengthen college level writing skills, with particular attention to persuasion, analysis, synthesis and an introduction to research methodologies. Focus on process through drafting, revising and editing is emphasized. Conventions of standard English are reviewed. Additionally, critical reading strategies of college level texts are developed.		
ENG 102	COMPOSITION II	03.0
<i>Prerequisite:</i> ENG 101 or equivalent or SAT/ACT test results.		
Continuation and extension of English 101 with an exploration of essay forms with particular attention to interpretation, analysis and synthesis, while emphasizing analytical reading and writing, critical thinking and research methodologies.		
ENG 107	TECHNICAL COMMUNICATIONS I	03.0
<i>Prerequisite:</i> ENG 090, 097 or equivalent or qualifying Accuplacer, SAT/ACT test results.		
Introduction to expository methods with concentration on specific writing forms including memorandums, cover and business letters, formal and informal reports, manuals, and proposals. Suggested for students in occupational fields.		
ENG 108	TECHNICAL COMMUNICATIONS II	03.0
<i>Prerequisite:</i> None		
A continuation of expository methods. Concentration on developing writing projects required on the job. Lecture and individual instruction. Suggested for students in occupational fields.		
ENG 112 A	BRIDGE ESL LISTENING	03.0
<i>Prerequisite:</i> Accuplacer test score; or UNR-IELC Bridge test; or 081-level courses (ENG 081-A, 081-C, 081-D).		
This is a bridge-to academics ESL course to help students establish and practice the listening skills necessary for successful academic work. These include techniques for predicting, focusing, note taking, main idea and organizational-pattern recognition and summarizing. Course taught as pass/withdraw only.		
ENG 112 C	BRIDGE READING	01.0-03.0
<i>Prerequisite:</i> Accuplacer test score; or UNR-IELC Bridge test; or 081-level courses (ENG 081-A, 081-C, 081-D).		
This course uses a reading skills handbook along with academic content material (text chapters, novels, short stories and news articles) to help students develop skills in recognizing organizational patterns, critical analysis, summarizing and synthesizing. Techniques to develop comprehension, retention and reading speed are emphasized. Course taught as pass/withdraw only. Formerly ENG 082. Repeatable up to 6 credits.		
ENG 112 D	BRIDGE ESL WRITING	03.0
<i>Prerequisite:</i> Accuplacer test score; or UNR-IELC Bridge test; or 081-level courses (ENG 081-A, 081-C, 081-D).		
This course improves the non-native speaker's academic writing skills, including rhetorical style and use of rhetorical patterns, grammar, paragraph and essay development and writing strategies. Attention is given to integrating reading and writing as complementary language skills. Course taught as pass/withdraw only. Formerly ENG 103. Repeatable up to 6 credits.		
ENG 113	COMPOSITION I FOR NON-NATIVE ENG SPEAKER	03.0
<i>Prerequisite:</i> Accuplacer test score; or UNR-IELC Bridge test; or 112-level courses (ENG 112-A, 112-C, 112-D).		
Writing the expository essay; develops fluency and emphasizes development, coherence, style, revision, and editing for target-language accuracy. This course satisfies the English 101 requirement for non-native English speakers.		
ENG 114	COMPOSITION II FOR NON-NATIVE ENG SPEAK	03.0
<i>Prerequisite:</i> ENG 113 or equivalent.		
Exploration of essay forms with particular attention to interpretation and argument; emphasis on analytical reading and writing, critical thinking, and research methodologies; attention to language skill development and needs of learners of English as a second language. This course satisfies the English 102 requirement for non-native English speakers.		
ENG 181	VOCABULARY AND MEANING	03.0
<i>Prerequisite:</i> None		
Problems of meaning, word derivation and word formation are investigated with a view to enlarging and refining a working English vocabulary. Transfers for two credits to UNLV/UNR.		
ENG 198B	SPECIAL TOPICS IN ENGLISH	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		

ENGLISH

ENG 205	INTRO TO CREATIVE WRITING: FICTION AND POETRY	03.0
<i>Prerequisite:</i> ENG 102 or equivalent strongly recommended. Beginning writers' workshop in both poetry and fiction.		
ENG 220	WRITING POETRY	03.0
<i>Prerequisite:</i> None The study of poetry writing methods and forms with concentration on the student's creative writing.		
ENG 221	WRITING FICTION	03.0
<i>Prerequisite:</i> None The study of fiction writing methods and forms with concentration on the student's creative writing.		
ENG 222	ADVANCED FICTION: NOVEL WRITING	03.0
<i>Prerequisite:</i> ENG 221 or permission of instructor. This course is a continuation of ENG 221 with an emphasis on novel writing. The class will be conducted as a writer's workshop.		
ENG 223	THEMES OF LITERATURE	03.0
<i>Prerequisite:</i> None The study of themes and ideas significant in poetry, prose, and film of various literary periods.		
ENG 224B	INTRODUCTION TO SCREENWRITING	03.0
<i>Prerequisite:</i> None The study of screenwriting methods and forms with a concentration on the student's creative writing.		
ENG 225B	ADVANCED SCREENWRITING	03.0
<i>Prerequisite:</i> ENG 224B or instructor permission. This course continues the work of English 224B by developing advanced screenwriting skills with an emphasis on the student's creative writing. This course will focus on the production and revision of a feature length screenplay.		
ENG 231	WORLD LITERATURE I	03.0
<i>Prerequisite:</i> None Introduction to aesthetic and ideological trends in the Western world. Reading of literary masterpieces through the year 1650.		
ENG 232	WORLD LITERATURE II	03.0
<i>Prerequisite:</i> None Introduction to aesthetic and ideological trends in the Western world through reading of literary masterpieces from 1650 to present.		
ENG 235	SURVEY OF ENGLISH LITERATURE I	03.0
<i>Prerequisite:</i> None Selected major British writers read and discussed: Anglo-Saxon through 18th century periods. Transfers to UNR as a humanities course.		
ENG 236	SURVEY OF ENGLISH LITERATURE II	03.0
<i>Prerequisite:</i> None Selected major British writers read and discussed: Romantic through Modern periods. Transfers to UNR as a humanities course.		
ENG 241	SURVEY OF AMERICAN LITERATURE	03.0
<i>Prerequisite:</i> None Introduction to major American writers, e.g., Franklin, Whitman, Dickinson, Twain; and other important literary trends. Designed to provide a general knowledge of American literature.		
ENG 243	INTRODUCTION TO THE SHORT STORY	03.0
<i>Prerequisite:</i> None Short story masterpieces read and evaluated.		
ENG 250	CHILDREN'S LITERATURE	03.0
<i>Prerequisite:</i> None A survey of major writers and trends in children's literature from classic to contemporary. Writers studied include Andersen, the Brothers Grimm, Lewis Carroll, A.A. Milne, E.B. White, Beatrix Potter and Shel Silverstein. Students may elect to do a creative project: poetry for children, fairy tales or stories.		
ENG 252	INTRODUCTION TO DRAMA	03.0
<i>Prerequisite:</i> None Reading a variety of plays with attention to special characteristics of drama.		
ENG 264	PSYCHOLOGY AND LITERATURE	03.0
<i>Prerequisite:</i> None An examination of major works of literature to discover the correlation between their universal themes and the theories of psychology as they relate to the human experience.		
ENG 267	WOMEN AND LITERATURE	03.0
<i>Prerequisite:</i> None A consideration of women as writers and as characters in literature. Readings are drawn from poetry, drama, fiction and biography. Satisfies TMCC and UNR Diversity core curriculum.		

ENGLISH

ENG 275	COMTEMPORARY LITERATURE	03.0
<i>Prerequisite:</i> None		
The reading of recent literature of various types to acquaint students with contemporary writers.		
ENG 281	INTRODUCTION TO LANGUAGE	03.0
<i>Prerequisite:</i> None		
Nature and function of language, including an introduction to the linguistics subsystem of Modern English and the development of the English language. Transfers to UNR/UNLV as a general elective.		
ENG 282	INTRO TO LANGUAGE AND LITERATURE EXPRESSION	03.0
<i>Prerequisite:</i> None		
The forms and function of language with special application to literary study.		
ENG 297	READING AND INTERPRETING	03.0
<i>Prerequisite:</i> None		
Methods for creating personal, critical responses to literature representing a range of time periods and genres. Based on a thematic approach.		
ENG 299	SPECIAL TOPICS IN ENGLISH	01.0-03.0
<i>Prerequisite:</i> None		
The successful student will be able to initiate one on one dialog between student and tutor, focusing on the degree to which the paper fulfills the requirements of the assignment. Diagnose written communication problems and offer suggestions for improving the writing quality. Help peers to evaluate their own writing in terms of fulfilling requirements of assignment, including the appropriate content, and accurately using grammar.		

ENVIRONMENTAL SAFETY AND HEALTH

ESH 201B	40 HOUR HAZWOPER CERTIFICATION	03.0
<i>Prerequisite:</i> None		
This 40-hour introduces basic health and safety skills and meets the requirements of OSHA regulation 29CFR1910.120. Upon successful completion of the course, the student will be awarded a 40-hour Hazwoper Certificate. A State of Nevada Certified Environment Manager (CEM) will teach the course.		

ENVIRONMENTAL SCIENCE

ENV 100	HUMANS AND THE ENVIRONMENT	03.0
<i>Prerequisite:</i> None		
Introduction to the relationship of man and his environment. Selected aspects of current thinking and research concerning the impact of industrialization and urbanization on environmental quality, including population explosion; the potential decline of the affluent society by the depletion of natural resources; the pollution of air, land surface and water; and the public agencies and policies designated to solve environmental problems. Four lab experiences. This course meets UNR Science core curriculum requirements.		
ENV 102	MAN AND CLIMATE	03.0
<i>Prerequisite:</i> None		
Man's interaction with climate; how it has affected him and how he affects climate through residential, industrial and agricultural development. Scientific weather modifications are carefully covered.		
ENV 115	WILDERNESS SURVIVAL	03.0
<i>Prerequisite:</i> None		
A course designed to introduce the student to basic survival techniques associated with a variety of environments, i.e., desert, mountain and aquatic, with emphasis on the western United States. Problems of food and water acquisition, exposure and cover are studied. Field trips are required.		
ENV 125B	Introduction to water resources	03.0
<i>Prerequisite:</i> None		
Fundamentals of properties of water, the hydrologic cycle and its various components (evaporation, condensation, precipitation, groundwater and runoff). The influence of human activities on the water cycle will be studied as well as water rights issues and doctrines affecting Western Nevada and Eastern California watersheds. Hydrologic measurement and basic computational techniques will be introduced.		
ENV 130	FUND ENVIRONMENTAL POLLUTION: CONCEPTS AND METHODS	03.0
<i>Prerequisite:</i> CHEM 100, BIOL 100, MATH 126 or CHEM 121.		
Introduction to pollution control methods, beginning with waterborne diseases and sanitation; progressing to mass balance concepts and development of pollution control measures designed to improve air and water quality and minimize risk of exposure to hazardous wastes.		
ENV 135B	HYDROGEOLOGY	03.0
<i>Prerequisite:</i> ENV 125B. GEOL 101 as a co-requisite.		
A study of the basic geological framework and hydrology of aquifers. Geologic factors such as rock type, structure, geomorphology and geologic environments will be studied. Ground water terminology, basic principles of groundwater flow, practical application of geologic maps and aerial photos and basic computational skills will be emphasized. Fulfills the science requirement for general education.		

ENVIRONMENTAL SCIENCE

ENV 198B	SPECIAL TOPICS IN ENVIRONMENT	00.5-06.0
<i>Prerequisite:</i> None		
Covers selected topics of interest to students in environmental science. May be repeated for up to 6 credits.		
ENV 201	ENVIRONMENTAL TOXICOLOGY AND RISK ASSESSMENT	03.0
<i>Prerequisite:</i> CHEM 142 or permission of instructor.		
A study of the basic principles of toxicology, including routes of exposure, dose response and target organ effects using environmental toxicants as primary examples. Toxicology concepts are applied to risk assessment and the development of acceptable exposure limits for toxic substances regulated by EPA and OSHA.		
ENV 202	ENVIRONMENTAL REGULATIONS	03.0
<i>Prerequisite:</i> ENV 201 and CHEM 142 or permission of instructor.		
A study of the federal and state environmental laws covering EPA, DOT and OSHA regulations which apply to hazardous materials, substances and hazardous wastes. The Clean Air and Clean Water Acts are also included.		
ENV 203	SAMPLING, ANALYSIS, TREATMENT AND DISPOSAL	03.0
<i>Prerequisite:</i> ENV 202 and CHEM 142 or permission of instructor.		
A study of the sampling, analytical, treatment and disposal method used for hazardous and toxic substances, materials and waste materials. Formerly ENV 206.		
ENV 210	LAND USE MANAGEMENT	03.0
<i>Prerequisite:</i> ENV 100 or consent of instructor.		
Planning, implementation and evaluation of land use covering both non-urban and urban situations. The emphasis will be on sustainable use energy. Constraints related to individual property rights and distribution of wealth will be treated.		
ENV 220	INTRODUCTION TO ECOLOGICAL PRINCIPLES	03.0
<i>Prerequisite:</i> ENV 100, a 100 level Chemistry and 100 level Geology course.		
An introduction for environmental studies students to the major ecological principles at work in our environment. This course will also focus not only on these principles, but also on understanding the processes that underlie them. Three hours of lecture.		
ENV 290	INTERNSHIP IN ENVIRONMENTAL STUDIES	01.0-08.0
<i>Prerequisite:</i> Written permission of instructor.		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Department review of student's activities and development on the job required.		
ENV 292	NEVADA ENVIRONMENTAL PROBLEMS	03.0
<i>Prerequisite:</i> None		
Local environmental problems involving their causes, effects and possible solutions. A variety of sensitive environmental issues including water quality, solid waste disposal and air quality will be examined with respect to local geographical, industrial and political influences. Course content may vary from semester to semester.		
ENV 299	SPECIAL TOPICS IN ENVIRONMENTAL SCIENCE	00.5-03.0
<i>Prerequisite:</i> None		
Consideration of selected current problems and conceptual issues in environment. Issues selected will depend upon current interest of staff and students. No prerequisite.		
NRES 100	PRIN OF NATURAL RESOURCES & ENVIRONMENTAL SCIENCES	03.0
<i>Prerequisite:</i> None		
General introduction to issues and topics related to natural resources, hydrology, conservation biology and environmental sciences.		
NRES 210	ENVIRONMENTAL POLLUTION	03.0
<i>Prerequisite:</i> CHEM 121 and MATH 127.		
This course introduces the student to the principles and applications of environmental science through the use of the biological and physical sciences. This course will investigate and discuss local, regional and global issues associated with anthropogenic interactions with biosphere, lithosphere, hydrosphere and atmosphere.		
NRES 211	CONSERVATION, HUMANS AND BIODIVERSITY	03.0
<i>Prerequisite:</i> None		
An examination of the impacts of cultures on biodiversity. Topics include the evolution of biodiversity, human populations, and associated cultural and technological impacts on biodiversity.		

FIRE SCIENCE TECH

FS 100B	FIRE CIVIL SERVICE PREP	01.0
<i>Prerequisite:</i> None		
A training course to assist the pre-service student who wishes to take the local fire department civil service tests. Test preparation will include: basic math, report writing, personal skills and other related information.		
FS 105B	INTRODUCTION TO FIRE SUPPRESSION	03.0
<i>Prerequisite:</i> None		
Fire suppression organization; fire suppression equipment; characteristics of behavior of fire; fire hazard properties of ordinary materials; building, design and construction; extinguishing agents; basic fire fighting tactics; public relations.		

FIRE SCIENCE TECH

FS 107B	FIRE SERVICE COMMUNICATION SKILLS	03.0
<i>Prerequisite:</i> None		
Develops interpersonal communication skills of speaking and listening through preparing and presenting both oral and written reports. Studies government structure; covers verbal and non-verbal communication, encoding and decoding. Develops presentation methods and selection of delivery process. Studies how to communicate ideas effectively.		
FS 114B	INCIDENT COMMAND SYSTEM	01.0
<i>Prerequisite:</i> None		
Upon completion the student will understand the function and role of the Incident Management System (IMS) in managing emergency incidents. In addition the student will be able to describe the different functions and positions within ICS and apply this knowledge to simulated incidents.		
FS 122B	FIRE PREVENTION II	03.0
<i>Prerequisite:</i> None		
The course further orients the student to the mission and history of the Fire Prevention Bureau. Upon completion the student will understand the causes and preventative measures that can be taken to prevent fire deaths and injuries. In addition the student will obtain a basic knowledge of fire and building codes, fire protection systems, public education, commercial and residential inspections and related legal concerns.		
FS 150B	PHYSICAL FITNESS AND NUTRITION FOR FIRE SERVICE	03.0
<i>Prerequisite:</i> None		
This course will assist the student in meeting the National Fire Protection Agency Standards related to firefight wellness. This includes, but is not limited to, NFPA 500 (Fire Dept. Occupational Safety and Health Program), NFPA 1001 (Standard for Firefighter Professional Qualifications) and NFPA 1582 (Standard on Medical Requirements for Fire Fighters). This course will also assist the student in preparing for the physical ability portion of Fire Service Testing. The course includes lectures on fitness, nutrition, stress and disease prevention. The course also includes aerobic and muscle development. Students will be required to complete a physical performed by a doctor meeting NFPA standards. This course will be required for those students not taking the Firefighter II program in the Academy format.		
FS 198B	SPECIAL TOPICS IN FIRE SCIENCE	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
FS 215B	EMERGENCY SERVICE DELIVERY: HAZ MAT INCIDENT CMND	03.0
<i>Prerequisite:</i> FS 114B.		
Includes the Incident Command System, estimating potential outcomes, planning a response, approving levels of protective clothing. Covers the attack procedures required for hazardous material emergencies. Focuses on competencies for the NFPA 472, Professional Competence of Responders to Hazardous Materials Incidents.		
FS 220B	INTERMEDIATE FIRE BEHAVIOR	03.0
<i>Prerequisite:</i> None		
The course is designed to educate firefighters in recognizing the elements that cause erratic fire behavior and be prepared to deal with fire effectively. To provide a knowledge of fuels, topography and weather factors which effect wild land fire behavior, to apply theory and principles presented and to provide the tools to make better fire management and safety decisions based on his/her predictions.		
FS 230B	FIRE STREAMS AND FIREFIGHTING FOAMS	03.0
<i>Prerequisite:</i> FS 250B.		
The course further develops the students understanding of water and foam application on class A and B fires. The student will also demonstrate proficiency in the extinguishments of flammable liquid and gas fires. In addition, the student will develop basic fire flow calculations for specified fire ground operations. This course meets and exceeds the applicable requirements for Firefighter I and II.		
FS 241B	FIRE COMPANY ORGANIZATION MANAGEMENT	03.0
<i>Prerequisite:</i> None		
Review of fire department organization; personnel administration; communications; related leadership skills.		
FS 254B	FIRE SERVICE INSTRUCTOR II	03.0
<i>Prerequisite:</i> FT 204B.		
This course will help the student develop the skills to be an instructor. The course will provide the basics for understanding the learning process in the adult learner. Basic principles of learning, components of instruction, planning for instruction, instructional media, some alternative teaching methods, how to evaluate student performance, the basics of course coordination and how to improve learner success.		
FS 257B	EMERGENCY RESCUE PRACTICES II	03.0
<i>Prerequisite:</i> FT 160B and 204B.		
This course further develops the students rescue skills in relation to high and low angle rescue. The student will review the information learned in Emergency Rescue Practices I and build upon that knowledge. The student will understand and demonstrate the safety considerations as applied to high and low angle rescues.		

FIRE SCIENCE TECH

FS	264B	PLANS CHECKING FOR THE FIRE SERVICE	03.0
	<i>Prerequisite:</i> None		
	The course is designed to give the student the basic skills and understanding necessary to check building plans for fire related concerns. The student will be able to read a basic blue print, identify related components, analyze in relation to fire codes and ordinances and make recommendations for changes.		
FS	265B	PUBLIC EDUCATION	03.0
	<i>Prerequisite:</i> None		
	The student will develop a working knowledge of the fire problem with the USA and how Public Education can be used to reduce fire related deaths, injuries and losses. In addition the student will learn the basics of public education as related to different populations within our society.		
FS	266B	COMPUTERS FOR THE FIRE SERVICE	03.0
	<i>Prerequisite:</i> None		
	Upon completion this course will show the student how to identify basic components of a computer system, demonstrate the use of word programs, the use of an operating system, the use of a data base program, spreadsheet, fire department computer management systems, identify basic uses and types of hazardous material computer programs, presentation program such as PowerPoint and the basic uses of the Internet and how to access it.		
FS	285B	SELECTED TOPICS IN FIRE SCIENCE	00.5-06.0
	<i>Prerequisite:</i> None		
	This course is intended to provide flexibility in the fire science program. Course subject will vary and cover critical and current issues in fire science. Course will be an elective.		
FT	101B	INTRODUCTION TO FIRE PROTECTION	03.0
	<i>Prerequisite:</i> None		
	Philosophy and history of fire protection; history of loss of life and property by fire; review of municipal fire defenses; study of the organization and function of federal, state, county and private fire protection agencies. The student will understand the hiring requirements of different agencies and the current job market in suppression, wild land firefighting, prevention and public education. In addition the student will learn the basic terms related to the fire service. Formerly FS 101B.		
FT	102B	ENTRY LEVEL FIREFIGHTER	03.0
	<i>Prerequisite:</i> None		
	This course will give the student the basic skills and knowledge necessary to combat structure fires under direct supervision. Formerly FS 160B.		
FT	103B	BASIC FIREFIGHTER	03.0
	<i>Prerequisite:</i> FT 102B.		
	This course builds upon the skills learned in Entry Level Firefighter. The student upon completion will have all the basic skills required by OSHA and NFPA to perform basic firefighting functions. Formerly FS 161B.		
FT	104B	NEVADA FIREFIGHTER I	03.0
	<i>Prerequisite:</i> FT 102B and 103B.		
	The Nevada Firefighter I course completes the volunteer firefighter training. The student will have completed all of the requirements for Firefighter I, Nevada Standard: this can easily be upgraded to NFPA Firefighter I. The course finishes most of the academic requirements for Firefighter I not include in Entry Level Firefighter and Basic Firefighter. Formerly FS 162B.		
FT	106B	FIREFIGHTER I ACADEMY	12.0
	<i>Prerequisite:</i> FT 101B or department approval.		
	The academy covers all of the National Fire Protection Association and Nevada State Firefighter I requirements. The curriculum covers fire behavior, firefighter safety, personal protective equipment, self-contained breathing apparatus, portable fire extinguishers, water supply, fire hose and appliances, nozzles, fire streams, basic building construction, ladders, ropes and knots, rescue procedures, forcible entry, ventilation, salvage and overhaul, hazardous material mitigation to the operational level, basic terrorism, and wildland firefighting (S-110, 130, 190).		
FT	109B	INTERNSHIP IN FIRE SCIENCE	01.0-06.0
	<i>Prerequisite:</i> None		
	A course designed wherein the students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits. Formerly FS 290B.		
FT	110B	BASIC WILDLAND FIREFIGHTING	03.0
	<i>Prerequisite:</i> None		
	This course introduces most aspects of wild land fire control including fire prevention, fire preparedness and fire suppression. Students will become familiar with the Incident Command System, fire behavior, maps, map reading and fire suppression with special emphasis on fire line safety. Formerly FS 251B.		

FIRE SCIENCE TECH

FT	111B	PORTABLE PUMPS, S-211	01.0
	<i>Prerequisite:</i> None		
	Portable Pumps and Water Use is a combined self-paced/field exercise course providing training for a portable water pump operator consisting of three instructional units: (1) Supply of Water, (2) Delivery of Water and (3) Application of Water. Formerly WF 211B.		
FT	112B	POWER SAWS, S-212	01.0
	<i>Prerequisite:</i> None		
	This course is designed to instruct the student on how to use and handle chain saws, identify safe and correct procedures for felling, bucking and slashing and identify correct chain saw troubleshooting and repair procedures. Formerly WF 212B.		
FT	113B	BASIC AIR OPS, S-270	01.0
	<i>Prerequisite:</i> None		
	Air Base Operations is designed to meet training requirements in the command, operations and planning sections of the Incident Command system (ICS). The trainee is afforded a survey of uses of aircraft in suppression activities and instructed in safe and proper conduct in and around aircraft. Other topics covered are management policy, regulations and procedures governing aircraft operations, tactical and logistical uses of aircraft and specifications for helicopter landing areas. Formerly WF 270B.		
FT	115B	CREW BOSS, S-230	01.0
	<i>Prerequisite:</i> Qualification as an advanced firefighter/squad boss.		
	Upon completion the student will be able to identify the crew boss' responsibilities prior to and during mobilization, incident activities and demobilization and describe the required training and certification process which must be fulfilled prior to becoming a qualified crew boss (Single Resource). Formerly WF 230B.		
FT	116B	ENGINE BOSS, S-230	01.0
	<i>Prerequisite:</i> Qualification as an advanced firefighter/squad boss.		
	Engine Boss (Single Resource) is a skill course to produce trainee proficiency in the performance of all duties associated with the Single Resource Engine Boss. Instructional topics cover tactical use and safety precautions required to establish an effective engine operation on a large incident. Formerly WF 231B.		
FT	117B	DOZER BOSS, S-232	01.0
	<i>Prerequisite:</i> Qualification as an advanced firefighter/squad boss.		
	Dozer Boss (Single resource) is a skill course to produce trainee proficiency in the performance of all duties associated with the single resource Dozer Boss. Primary considerations in this course are tactical use and safety precautions required to establish and maintain an effective dozer operation. Formerly WF 232B.		
FT	118B	FIRING METHODS, S-234	01.0
	<i>Prerequisite:</i> Qualification as an advanced firefighter/squad boss and FT 115B.		
	Firing Methods and Procedures is designed to train qualified squad and single resource bosses (and higher) with a definite "need to know" regarding firing techniques and related devices used in wildfire suppression. Topics covered in this course are firing boss duties and responsibilities, firing equipment, firing methods and evaluation of the on-going and completed firing operation. Formerly WF 234B.		
FT	120B	PREVENTION, INVESTIGATION I	03.0
	<i>Prerequisite:</i> None		
	This course meets and exceeds the applicable requirements for Firefighter I and II (NFPA 1001). The course discusses fire department communications, common fire hazards, fire inspection procedures, elements of fire education, basic fire investigation, water supply systems, sprinkler and standpipe systems and fire alarm systems. Formerly FS 244B.		
FT	121B	FIRE PREVENTION I	03.0
	<i>Prerequisite:</i> None		
	Familiarization with national, state and local laws and ordinances influencing fire prevention and fire underwriting; principles and problems relating to fire prevention. Formerly FS 121B.		
FT	122B	CODES/ORDINANCES I	03.0
	<i>Prerequisite:</i> None		
	Familiarization with national, state and local laws and ordinances which influence the field of fire protection. Formerly FS 233B.		
FT	125B	BUILD CONSTRUCTION I	03.0
	<i>Prerequisite:</i> None		
	Fundamentals of building construction and design with emphasis on fire resistance of building materials, assemblies, exposures and related data focused on fire protection. The course will also deal with related codes and statutes and introduce basic blueprint reading. Formerly FS 125B.		
FT	126B	FIRE CAUSE DETERMINATION	03.0
	<i>Prerequisite:</i> None		
	Introduction to arson and incendiarism, arson laws and types of incendiary fires; methods of determining fire cause; fire loss estimation; recognizing and preserving evidence; interviewing and detaining witnesses; procedures in handling juveniles; court procedures and giving court testimony. Formerly FS 245B.		
FT	131B	HAZARDOUS MATERIALS	03.0
	<i>Prerequisite:</i> None		
	A review of basic properties of solids, liquids and gases and the storage, handling, law, standards and fire fighting practices pertaining to hazardous materials. Formerly FS 131B.		

FIRE SCIENCE TECH

FT	145B	AVIATION EMERGENCIES	03.0
	<i>Prerequisite:</i> None		
	Introduction to the history and development of aircraft fire protection and rescue procedures. This course will involve firefighting and rescue techniques in an airport or aircraft environment. Formerly FS 248B.		
FT	146B	WILDLAND TACTICS AND STRATEGY I	03.0
	<i>Prerequisite:</i> FT 113B and 115B and strongly recommend any other agency specific prerequisites.		
	This course is designed primarily to instruct experienced single resource bosses and initial attack incident commanders in the tactics necessary at the strike team leader or task force leader level. It is also valuable for operations supervisors qualified at higher management levels who have not received training in wildfire suppression tactics. Course objectives state in broad, yet measurable terms what, how well, when and under what conditions the trainee will perform. Formerly WF 236B.		
FT	150B	APPARATUS AND EQUIPMENT	03.0
	<i>Prerequisite:</i> None		
	Driving laws, driving techniques, construction and operation of engines, ladder trucks, aerial platforms, specialized equipment apparatus maintenance. Formerly FS 237B.		
FT	151B	FIRE SERVICE HYDRAULICS I	03.0
	<i>Prerequisite:</i> MATH 096 or equivalent or Accuplacer, ACT/SAT test results.		
	Review of basic mathematics; hydraulic laws and formulae as applied to fire science; application of formula and mental calculations on hydraulic problems; water distribution systems; water supply problems; underwriter's requirements for pumps. Formerly FS 235B.		
FT	160B	RESCUE AWARENESS	03.0
	<i>Prerequisite:</i> None		
	This course will develop the students awareness of the different types of technical rescue in the fire service. This course will introduce the student to the concepts, theories and definitions applicable to low angle, high angle, confined space, trench collapse, building collapse, swift water and ice rescue. Upon completion the student will be aware of how to recognize the dangers associated with rescue and the applicable regulations as applied to First Responders according to OSHA, NIOSH and NFPA. In addition the student will develop the basic skills required to safely and efficiently extricate victims from vehicle accidents. Formerly FS 247B.		
FT	204B	FIREFIGHTER I	06.0
	<i>Prerequisite:</i> None		
	General rules and regulations, use and explanation of forcible entry, protective breathing apparatus, first aid, ropes, salvage, fire hose, nozzles and appliances, fire streams, ladders, ventilation, inspection, rescue, sprinklers, fire alarms and communications, safety and fire behavior. Formerly FS 250B.		
FT	206B	FIREFIGHTER II ACADEMY	10.0
	<i>Prerequisite:</i> FT 106B or Firefighter I Certification.		
	This academy builds on the Firefighter I Academy and reinforces those basic skills. In addition this academy covers; fire department communications, foams, fireground operations (tactics and strategies), advanced rescue operations, firefighter survival, fire prevention, public education, advanced building construction, pre-planning, equipment operation, equipment maintenance, equipment and hose testing, basic hydraulics, intermediate wildland fire behavior (S-290), basic air operations (S-270), hydrant testing, and basic vehicle extrication.		
FT	208B	FIREFIGHTER SAFETY AND SURVIVAL	01.0
	<i>Prerequisite:</i> None		
	This course intends to increase the students awareness to situations and conditions that compromise firefighter safety both on and off the emergency incident. The student will also learn the importance of firefighter physical and mental fitness and understand the components of Critical Incident Stress. The student will also be able to describe the common denominators associated with wild land firefighting injuries and fatalities. Formerly FS 127B.		
FT	212B	FIRE AND ECOLOGY	03.0
	<i>Prerequisite:</i> None		
	Fire Ecology and Ecosystem Management studies the science of ecosystem management and the effects of fire on ecosystem. In addition the course studies the past and future of fire as a tool in ecosystem management as well as the social, economic, legal and political considerations. Formerly WF 295B.		
FT	218B	INTERMEDIATE FIRE BEHAVIOR, S-290, 390	03.0
	<i>Prerequisite:</i> FT 110B.		
	This is a course in the study of wild land fire pattern change due to the effects of fuels, topography and weather. This includes fire physics, meteorology, extreme fire danger and blow-up conditions. Emphasizes safety throughout. This has been accepted by Boise Interagency Fire Center, B.L.M. and U.S. Forest Service as equivalent to S.390 Intermediate Fire Behavior. Formerly FS 252B.		
FT	224B	FIRE PROTECTION SYSTEMS	03.0
	<i>Prerequisite:</i> None		
	Intensified analysis of fire protection equipment; systems of fire detection and prevention used in modern structures; problems of older structures and systems; visitations to facilities that contain up-to-date equipment and system installations. Formerly FS 249B.		
FT	243B	FIREFIGHTING TACTICS AND STRATEGY	03.0
	<i>Prerequisite:</i> None		
	Review of fire chemistry, equipment and manpower, basic fire fighting tactics and strategy, methods of attack; preplanning fire problems; company fire fighting capability. Formerly FS 243B.		

FIRE SCIENCE TECH

FT 260B	FIREFIGHTER RESCUE/HAZ MAT ACADEMY	10.0
<i>Prerequisite:</i> FT 106B or Firefighter I Certification.		
This academy will refresh on the basic Firefighter I skills. In addition the curriculum will cover: all rescue operations at the awareness level, extrication at the operational level, high and low angle rope rescue at the operational level, hazardous material survival and decision making, hazardous material decon, and terrorism preparedness.		
FT 291B	FIRE ADMINISTRATION	03.0
<i>Prerequisite:</i> None		
An in-depth study of the organization and management as related to a fire department, including budget, records and reports, utilization of manpower and equipment, interagency and public relations and leadership from a company officer's position. Formerly FS 111B.		

FRENCH

FREN 101B	FRENCH CONVERSATIONAL I	03.0
<i>Prerequisite:</i> None		
A course emphasizing spoken communication. Writing, listening and reading skills will be explored.		
FREN 102B	FRENCH CONVERSATIONAL II	03.0
<i>Prerequisite:</i> FREN 101B or permission of instructor.		
A continuation of French 101B.		
FREN 111	FIRST YEAR FRENCH I	04.0
<i>Prerequisite:</i> None		
Introduction to the language through the development of language skills and through structural analysis. Includes an introduction to French culture. Transfers to UNR as FREN 101.		
FREN 112	FIRST YEAR FRENCH II	04.0
<i>Prerequisite:</i> FREN 111 or equivalent.		
A continuation of French 111. This course transfers to UNR as FREN 102.		
FREN 198B	SPECIAL TOPICS IN FRENCH	01.0-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
FREN 211	SECOND YEAR FRENCH I	03.0
<i>Prerequisite:</i> FREN 112 or equivalent.		
Structural review, conversation, writing and readings in modern literature. This course transfers to UNR as FREN 211. Formerly FREN 203.		
FREN 212	SECOND YEAR FRENCH II	03.0
<i>Prerequisite:</i> FREN 211 or equivalent.		
A continuation of French 211. Structural review, conversation, writing and readings in modern literature. This course transfers to UNR as FREN 212. Formerly FREN 204.		
FREN 290B	INTERNSHIP IN FRENCH	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits.		

GED PREPARATION

GED 025	GED PREPARATION: MATHEMATICS	01.0
<i>Prerequisite:</i> GED pretest.		
GED Preparation: Mathematics will provide students the opportunity to have their strengths and weaknesses evaluated in the math section of the GED test. With assistance from the instructor, students will design personal study programs to increase skills leading toward the successful completion of this portion of the GED pretest.		
GED 031	GED PREPARATION: WRITING SKILLS	01.0
<i>Prerequisite:</i> GED pretest.		
GED Preparation: Writing Skills will provide students the opportunity to have their strengths and weaknesses evaluated in the writing skills section of the GED test. With assistance from the instructor, students will design personal study programs to increase skills leading toward the successful completion of this portion of the GED test.		
GED 035	GED PREPARATION: LITERATURE AND THE ARTS	01.0
<i>Prerequisite:</i> GED pretest.		
GED Preparation: Literature and the Arts will provide students the opportunity to have their strengths and weaknesses evaluated in the literature and the arts section of the GED test. With assistance from the instructor, students will design personal study programs to increase skills leading toward the successful completion of this portion of the GED test.		

GED PREPARATION

- GED 041 GED PREPARATION: SOCIAL STUDIES 01.0**
Prerequisite: GED pretest.
GED Preparation: Social Studies will provide students the opportunity to have their strengths and weaknesses evaluated in the social studies section of the GED test. With assistance from the instructor, students will design personal study programs to increase skills leading toward the successful completion of this portion of the GED test.
- GED 045 GED PREPARATION: SCIENCE 01.0**
Prerequisite: GED pretest.
GED Preparation: Science will provide students the opportunity to have their strengths and weaknesses evaluated in the science section of the GED test. With assistance from the instructor, students will design personal study programs to increase skills leading toward the successful completion of this portion of the GED test.
- GED 051 GED PREPARATION 01.0-03.0**
Prerequisite: GED pretest.
The GED Preparation program will provide students the opportunity to have their strengths and weaknesses evaluated in each of the five sections of the GED test. With assistance from the instructor, students will design personal study programs to increase skills leading toward the successful completion of the GED test.

GEOGRAPHIC INFORMATION SYSTEMS

- GIS 102B FUNDAMENTALS OF GIS 03.0**
Prerequisite: None
This course covers the basic operation of a Geographical Information System in an integrated network environment, to include data acquisition, preprocessing, data/file management, manipulation, analysis and product generation. Usage of GIS software to visualize, explore, query and analyze spatial data. Principles of cartography and spatial analysis will be covered, as will the basics of analog and digital cartography (map making). Students will be exposed to the different types of maps, scales, symbols and projections and will learn how cartography and geographic information systems interact.

GEOGRAPHY

- GEOG 103 PHYSICAL GEOGRAPHY 05.0**
Prerequisite: None
Physical elements of geography. Earth and its representation. Nature and distribution of climate, land forms, natural vegetation and soils. Three hours lecture and three hours lab per week. Transfers for four credits to UNR/UNLV. Satisfies UNR science core curriculum.
- GEOG 106 INTRODUCTION TO CULTURAL GEOGRAPHY 03.0**
Prerequisite: None
Systematic consideration of the spatial aspects of human culture. Major thesis: spatial history and morphology, society-land relations and economic development and resource utilization. Satisfies UNR social science core curriculum.
- GEOG 109 ECONOMIC GEOGRAPHY 03.0**
Prerequisite: None
Emphasizes worldwide patterns of economic activity. World population, food and development problems; natural and economic factors related to economic activity; study of selected agricultural and industrial commodities.
- GEOG 198B SPECIAL TOPICS IN GEOGRAPHY 00.5-06.0**
Prerequisite: None
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.
- GEOG 205 APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS 03.0**
Prerequisite: None
Beginning techniques focusing on concepts and hands-on experience using Geographical Information System (GIS), special database software used in solving problems that can be mapped.
- GEOG 290B INTERNSHIP IN GEOGRAPHY 01.0-08.0**
Prerequisite: None
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.

GEOLOGY

- GEOL 100 EARTHQUAKES, VOLCANOES AND NATURAL DISASTERS 03.0**
Prerequisite: MATH 120 or equivalent or qualifying Accuplacer, SAT/ACT test results.
This course will emphasize the geology of earth's natural hazards including earthquakes, volcanoes, tsunamis, landslides, global warming and ozone depletion. Students will learn how geologic processes can directly affect people, property and human made structures. Procedures to mitigate such hazards will be explored. In addition to earth's natural hazards, some other important concepts to be addressed include population growth pressures on natural resources, uniformitarianism and geology as a foundation to understanding our environment. Course entails three hours of lecture per week and four 3-5 hour mandatory laboratory exercises per semester.
- GEOL 101 PHYSICAL GEOLOGY 05.0**
Prerequisite: None
A laboratory course covering geologic concepts, features and processes. The laboratory experience includes reading of topographic and geologic maps and the study and identification of common rocks and minerals and study of geologic phenomena. Three hours lecture, three hours lab per week. Transfers for four credits to UNR/UNLV. Satisfies UNR science core curriculum.
- GEOL 102 HISTORICAL GEOLOGY 04.0**
Prerequisite: GEOL 101 or consent of instructor.
A lecture- and laboratory-based course examining the evolution of Earth through time including major events in the evolution of the crust, plate tectonics, and biosphere. Course will emphasis how fossils are used to interpret ancient environments, the relationships between organisms, and to sequence the physical and paleobiological history of the Earth. Designed as a second course in geology, the course will lead the student through a sequence of events from the beginning of the planet to today's diversified environments.
- GEOL 105 INTRODUCTION TO CULTURAL GEOLOGY 01.0**
Prerequisite: None
Brief survey of physical and historical geology, with emphasis on the structure of the earth, origin of the past and present landscapes and evolution of life as told in the fossil records.
- GEOL 198B SPECIAL TOPICS IN GEOLOGY 00.5-06.0**
Prerequisite: None
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.
- GEOL 201 GEOLOGY OF NEVADA 03.0**
Prerequisite: GEOL 100, 101 or approval of instructor.
A study of the geologic development of Nevada. Identification of rock types and terrains resulting from geologic processes. Emphasis on the evolution of landscapes culminating in their present appearance.
- GEOL 205 GEOLOGICAL ASPECTS OF LAND USE 03.0**
Prerequisite: None
The course is directed to the individual interested in the planning aspect of land use. The material presented is intended to create an awareness of the importance of the geological substratum in human activities. It provides an introduction into geological processes which should lead to more practical approaches to land-use planning.
- GEOL 206B GEOLOGY OF GEOTHERMAL ENERGY RESOURCES 03.0**
Prerequisite: None
This course surveys the characteristics, distribution and energy potential of geothermal resources, both world wide and here in Nevada. Course content includes (1) geologic controls on distribution and nature of geothermal systems, (2) the main types of geothermal systems and how energy is harnessed using current technology, and (3) potential geothermal resources that may provide useful energy with emerging technology. The course consists of 3 hours of lecture, including guest speakers, per week and 4 three-hour-long labs that include opportunities to organize and assess field and laboratory data to interpret the type and potential of geothermal resources.
- GEOL 260 INTRODUCTION TO FIELD METHODS 02.0**
Prerequisite: GEOL 101, GEOL 102 (or corequisite).
This course is a hands-on introduction to basic geologic map interpretation and field methods for geologic mapping. Students will learn how to interpret geologic features from aerial photos, measure strikes and dips of geologic structures and rock units, determine thickness of stratigraphic units, identify and map the distribution of different rock types and geologic structures, interpret geologic histories and potential hazards of different areas, and chronicle their findings in concise, well-written geologic reports.
- GEOL 290B INTERNSHIP IN GEOLOGY 01.0-08.0**
Prerequisite: None
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for an application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. May be repeated for up to eight credits.

GERMAN

- GER 101B GERMAN CONVERSATIONAL I 03.0**
Prerequisite: None
A course emphasizing spoken communication. Writing, listening and reading skills will be explored in the course.

GERMAN

GER 102B	CONVERSATIONAL GERMAN II	03.0
<i>Prerequisite:</i> None A continuation of GER 101B.		
GER 111	FIRST YEAR GERMAN I	04.0
<i>Prerequisite:</i> None Introduction to patterns of German through development of language skills and structural analysis. Includes an introduction to German culture. This course transfers to UNR as GER 101.		
GER 112	FIRST YEAR GERMAN II	04.0
<i>Prerequisite:</i> GER 111 or equivalent. A continuation of GER 111. This course transfers to UNR as GER 102.		
GER 198B	SPECIAL TOPICS IN GERMAN	00.5-06.0
<i>Prerequisite:</i> None Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
GER 211	SECOND YEAR GERMAN I	03.0
<i>Prerequisite:</i> GER 112. Structural review, conversation and writing, reading in modern literature. Formerly GER 203.		
GER 212	SECOND YEAR GERMAN II	03.0
<i>Prerequisite:</i> GER 211. A continuation of GER 211. Structural review, conversation and writing, reading in modern literature. Formerly GER 204.		
GER 290B	INTERNSHIP IN GERMAN	01.0-08.0
<i>Prerequisite:</i> None A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits.		

GRAPHIC COMMUNICATIONS

GRC 101	INTRODUCTION TO GRAPHIC COMMUNICATIONS	02.0-03.0
<i>Prerequisite:</i> Challenge exam is available. An introduction to systems and technologies involved in the reproduction of art into various media. Graphic communications history, theory, processes, industry makeup, current and future technologies and job opportunities.		
GRC 103	INTRODUCTION TO COMPUTER GRAPHICS	02.0-03.0
<i>Prerequisite:</i> Challenge exam is available. Introduction to computer systems as they relate to graphic communications and digital media. Hardware, operating systems, networking, the Internet, computer graphics software and industry applications.		
GRC 107	DESIGN FUNDAMENTALS	03.0
<i>Prerequisite:</i> Challenge exam by portfolio is available. An introductory course in the application and appreciation of the basic principles and elements of design, including form, shape, value, spatial relationships and color. Emphasis will be placed on developing creative skills and working with the design process.		
GRC 109	COLOR AND DESIGN	03.0
<i>Prerequisite:</i> GRC 107/ART 107 or approval of instructor. GRC 103 recommended. Challenge exam by portfolio is available. Color theories, color technologies and the applications of color in art and design. Intermediate, two-dimensional design problems focusing on the compositional, optical and psychological aspects of visual communication. Formerly GRC 108B.		
GRC 110B	RENDERING AND ILLUSTRATION	03.0
<i>Prerequisite:</i> GRC/ART 107 or approval of instructor. GRC 118 or GRC 103 recommended. Introductory studio class in developing techniques for visualizing and rendering images in 2D and 3D presentations using a variety of manual techniques and applications in the electronic environment.		
GRC 111B	HISTORY OF VISUAL COMMUNICATIONS	03.0
<i>Prerequisite:</i> None Lecture course on the history of visual communications from European cave paintings to the present. Special emphasis will be placed on the Roman Empire, the Renaissance, the Industrial Revolution and the 20th century. The class will focus on the impact of communication and technology on society and its influences on the shaping of civilization.		
GRC 118	COMPUTER GRAPHICS/PRINT MEDIA	03.0
<i>Prerequisite:</i> None. Challenge exam is available. Introduction to systems and technologies involved in the creation and production of graphic communication for print media. History, theories and processes will be discussed along with a hands-on overview of page layout, vector-draw, image manipulation and electronic publishing software. Required introductory class for all GRC majors.		

GRAPHIC COMMUNICATIONS

- GRC 119 COMPUTER GRAPHICS/DIGITAL MEDIA 03.0**
Prerequisite: None. Challenge exam is available.
Introduction to systems and technologies involved in the creation and production of graphic communication for digital media. History, theories and processes will be discussed along with a hands-on overview of image creation, Web design, 2D Web animation, digital video, multimedia and 3D animation software. Required introductory class for all GRC majors.
- GRC 125B GRAPHICS SOFTWARE 00.5-01.0**
Prerequisite: Variable based on level of software.
A variety of short courses in software packages specific to graphic communications and digital media applications. Classes will include current software packages and upgrade-specific training. Verify type of software and level of instruction in current schedule of classes. Grading is pass/withdraw. This course may be repeated for up to eight credits.
- GRC 144B ELECTRONIC LAYOUT AND TYPOGRAPHY 03.0**
Prerequisite: GRC/ART 107, GRC 118 or GRC 103 or approval of instructor.
Introduction to typography and page layout software. Typographic theory, copy acquisition, proofreading and fundamentals of typographical layout and design.
- GRC 151B ELECTRONIC IMAGE CAPTURE AND PRODUCTION 03.0**
Prerequisite: GRC 103 or GRC 118 or approval of instructor.
Introduction to electronic image capture, scanner operation, image evaluation and preparation of files for print, CD-ROM and the Internet. Production workflow, preflight requirements, image editing using Adobe Photoshop and graphic optimizing using Adobe ImageReady.
- GRC 153B ELECTRONIC PREPRESS/IMAGING TECHNOLOGIES I 03.0**
Prerequisite: GRC 103 or GRC 118 or approval of instructor.
Systems and technologies of image reproduction, including traditional and electronic applications. Class will focus on the various methods of electronic prepress, analog and digital printing systems, traditional and electronic distribution methods. Formerly GRC 150B.
- GRC 156 COMPUTER ILLUSTRATION 03.0**
Prerequisite: GRC/ART 107 and GRC 118 or GRC 103 or approval of instructor.
An introductory/intermediate class in the creation and execution of designs and illustrations in the electronic environment. Class will focus on Adobe Illustrator vector-draw software, including the tools and techniques required to produce professional-level artwork.
- GRC 170 DESIGN FOR PRINT MEDIA 03.0**
Prerequisite: GRC 101 and GRC 107/ART 107 or approval of instructor. GRC 118 recommended.
Applications of creativity and the creative process for traditional and electronic print media. Course will cover creative briefs, thumbnails and roughs, symbology, text/image interactions, graphic identity/branding systems and collateral materials.
- GRC 175 WEB DESIGN AND PUBLISHING I 03.0**
Prerequisite: GRC/ART 107, GRC 119 or GRC 103 or approval of instructor.
Introduction to web page design using Macromedia Dreamweaver and Fireworks. The course focuses on planning, design and production. Topics covered include target audiences, information architecture, navigational systems, web aesthetics, web file formats, creating and optimizing content and navigation, cascading style sheets (CSS), interactivity, web hosting and site management. Formerly DGM 145B.
- GRC 179 MULTIMEDIA DESIGN AND PRODUCTION 03.0**
Prerequisite: GRC/ART 107, GRC 119 or GRC 103 or approval of instructor.
Introduction to design and production of multimedia presentations for CD-ROM and Internet-based delivery. Class will focus on content development, storyboarding, scripting, incorporating video and sound and animating graphics using Macromedia Director. Formerly DGM 150B.
- GRC 181B DIGITAL VIDEO I 03.0**
Prerequisite: GRC/ART 107, GRC 119 or GRC 103 or approval of instructor.
An introduction to the basic principles and practices of digital video using non-linear editing on a digital editing system to produce video for multimedia, broadcast and the Web. The course covers every phase of the digital production process. Preproduction strategies for communicating with video include developing a narrative, storyboards, filming with a digital video camera, camera shots and video composition. Production techniques include capturing footage, importing and managing clips, various editing methods and creating transitions and special effects. Postproduction topics include title design, audio mixing/sweetening and output.
- GRC 183 ELECTRONIC IMAGING 03.0**
Prerequisite: GRC/ART 107 and GRC 118 or GRC 103 or approval of instructor.
An introductory/intermediate class in the use of Adobe Photoshop raster software as a design tool. Class will focus on the use of photographic imaging, image manipulation and the integration of graphics and images to produce professional-level artwork.
- GRC 185 COMPUTER ANIMATION I 03.0**
Prerequisite: GRC/ART 107, GRC 119 or GRC 103 or approval of instructor.
Introduction to theories, applications and technologies as they relate to electronic 3D modeling and design. Class will focus on transforming 2D shapes into 3D objects, coordinate systems, spline objects, cross section modeling, texture mapping and lighting. Formerly DGM 155B.

GRAPHIC COMMUNICATIONS

GRC 188	WEB ANIMATION AND INTERACTIVITY I	03.0
<i>Prerequisite:</i> GRC/ART 107, GRC 119 or GRC 103 or approval of instructor.		
Introduction to animation and interactivity for the Web and CD-ROM using Macromedia Flash. The course focuses on planning, design and production. Topics covered include information architecture, navigational systems, tweens, audio, video, ActionScript, object properties, components, conditional actions and publishing options. Formerly DGM 251B and DGM 149B.		
GRC 198B	SPECIAL TOPICS IN GRAPHIC COMMUNICATIONS	0.50-06.0
<i>Prerequisite:</i> Dependent upon class offering.		
Various short courses and experimental classes covering a variety of subjects. The class will be a variable credit of one-half to six credits depending upon class content and number of hours required. The course may be repeated for up to six credits.		
GRC 204B	ELECTRONIC PREPRESS/IMAGING TECHNOLOGIES II	04.0
<i>Prerequisite:</i> GRC 151B and 153B or approval of instructor.		
Advanced lab in image reproduction, including image capture and manipulation, color management, formatting and optimizing graphics, preflight, prepress terminologies, proofing, traditional and digital printing processes and output requirements for print and electronic publishing.		
GRC 221B	VISUAL COMMUNICATIONS STUDIO I	03.0
<i>Prerequisite:</i> GRC 144B, 156 and 183 or approval of instructor.		
Advanced studio covering typography, graphic design and advertising theories and techniques for print, motion graphics and the Internet. Class will focus on creativity and the creative process and how these principles affect the communication of ideas. Integration of creative concepts with electronic applications will be emphasized.		
GRC 222B	VISUAL COMMUNICATIONS STUDIO II	03.0
<i>Prerequisite:</i> GRC 221B or approval of instructor.		
A continuation of GRC 221B covering advanced visual communications theories and techniques for print, motion graphics and the Internet. Class will continue to focus on creativity and the creative process and the integration of creative concepts with electronic applications.		
GRC 244B	ELECTRONIC LAYOUT AND TYPOGRAPHY II	03.0
<i>Prerequisite:</i> GRC 144, 156 and 183, or approval of instructor.		
An intermediate/advanced class in the use of typography and page layout software. Topics include image/copy interaction, production techniques and the use of type in complex compositions as well as multipage documents.		
GRC 256B	COMPUTER ILLUSTRATION II	03.0
<i>Prerequisite:</i> GRC 156 and 183, or approval of instructor.		
An intermediate/advanced class in the creation and execution of designs and illustrations in the electronic environment. Class will focus on vector-draw software and more advanced principles of design to produce artwork for print and digital media.		
GRC 275B	WEB DESIGN AND PUBLISHING II	03.0
<i>Prerequisite:</i> CIT 151, GRC 175 and 188 and/or approval of instructor.		
Advanced web page design using Macromedia Dreamweaver and Fireworks. The course extends skills acquired in GRC 175. Advanced topics include planning and design, HTML, interactivity, behaviors, animation, page weighting, meta tags, databases, web hosting and site management. Formerly DGM 245B.		
GRC 279B	MULTIMEDIA DESIGN AND PRODUCTION II	02.0
<i>Prerequisite:</i> GRC 175 (formerly DGM 145B) and 188 (formerly DGM 149B) or approval of instructor.		
Advanced studio covering multimedia applications. The course will expand on applications of multimedia design and production, including animation, advanced audio and video techniques, interactivity and applications on the Internet. Formerly DGM 250B.		
GRC 283B	ELECTRONIC IMAGING II	03.0
<i>Prerequisite:</i> GRC 156 and 183, or approval of instructor.		
An advanced class in the application of computer graphics software to create and edit digital images and designs with raster/paint software. Focus will be on furthering student skills in manipulating existing imagery as well as creating new and unique graphic images.		
GRC 285B	COMPUTER ANIMATION II	03.0
<i>Prerequisite:</i> GRC 185 (formerly DGM 155B) or DFT 240 or approval of instructor.		
An advanced studio covering more in-depth techniques of modeling and animation using 3D StudioMax. Course will include object characteristics, lighting, rendering, camera movement special effects and 3D animation production. Formerly DGM 255B.		
GRC 288B	WEB ANIMATION AND INTERACTIVITY II	03.0
<i>Prerequisite:</i> GRC 188 or approval of instructor.		
Advanced animation and interactivity for the Web and CD-ROM using Macromedia Flash. The course extends the skills acquired in GRC 188: Web Animation and Interactivity I, and emphasizes methodology and problem solving.		
GRC 290B	INTERNSHIP IN GRAPHIC COMMUNICATIONS	01.0-08.0
<i>Prerequisite:</i> None		
Supervised work experience with a selected graphic communications business, dependent upon students selected major emphasis. Course is designed to apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor. Available to students entering their last semester of instruction for the GRC associates degree. Contact the department advisor for application, screening and required skills evaluation. 75 hours on the job per credit.		

GRAPHIC COMMUNICATIONS

GRC 294B	PROFESSIONAL PORTFOLIO	01.0-03.0
<i>Prerequisite:</i> Minimum 21 credits of GRC/DGM classes or approval of instructor.		
Development of a portfolio for employment in the graphic communications or digital media or transfer to a four-year program. Class will deal with the professional and legal requirements of working in the graphic communications or digital media industry.		
GRC 298B	SPECIAL PROBLEMS IN GRAPHIC COMMUNICATIONS	00.5-06.0
<i>Prerequisite:</i> Dependent upon class offering.		
Selected advanced topics and workshops relating to specific areas of graphic communications. The class will be a variable credit of one-half to six credits depending upon class content and number of hours required.		
GRC 299B	INDEPENDENT STUDY	01.0-02.0
<i>Prerequisite:</i> Approval of instructor.		
This course is designed for advanced students to pursue work in a specific area of graphic communications. Students must submit a written proposal which becomes a contract for the course of study. Students must meet with a faculty advisor on a regular basis.		

HEALTH

HLTH 110B	HEALTH OCCUPATIONS	02.0-03.0
<i>Prerequisite:</i> None		
This course is designed to provide the student with a survey of the various health careers. The clinical experience offers exposure to health careers and will provide the opportunity for observation and the performance of basic skills.		

HEBREW

HEB 113	HEBREW I	04.0
<i>Prerequisite:</i> None		
Development of language skills in listening, speaking, reading, writing and structural analysis. Emphasis placed on speaking.		
HEB 114	HEBREW II	04.0
<i>Prerequisite:</i> HEB 113.		
The object of this course is to develop a basic proficiency in Hebrew through practice in the use of basic language skills and acquisition of vocabulary.		
HEB 198B	SPECIAL TOPICS IN HEBREW	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
HEB 221	INTERMEDIATE HEBREW I	03.0
<i>Prerequisite:</i> HEB 114 or consent of instructor.		
Structural review, conversation, reading, and writing in Modern Hebrew.		
HEB 222	INTERMEDIATE HEBREW II	03.0
<i>Prerequisite:</i> HEB 221 or consent of instructor.		
Structural review, conversation, reading, and writing in Modern Hebrew.		

HISTORY

HIST 101	US HISTORY I (TO 1865)	03.0
<i>Prerequisite:</i> None		
Survey of U.S. political, social, economic, diplomatic and cultural development from colonial times to 1865. Satisfies the United States Constitution requirement.		
HIST 102	UNITED STATES HISTORY II (SINCE 1865)	03.0
<i>Prerequisite:</i> None		
Survey of U.S. political, social, economic, diplomatic and cultural development from 1865 to the present. Includes examination of the Nevada Constitution and satisfies the Nevada Constitution requirement.		
HIST 105	EUROPEAN CIVILIZATION I	03.0
<i>Prerequisite:</i> None		
Survey of the development of Western civilization up to 1648. Will fulfill the western traditions requirement for TMCC students who have not yet matriculated at the University of Nevada, Reno. Matriculation is defined as formal admission and enrollment in one or more credits at the University. Part-time students with nondegree status at UNR are not considered to have matriculated and are eligible to take the equivalency courses. Please direct your questions to the Transfer Center at UNR, 784-6230.		

HISTORY

HIST 106	EUROPEAN CIVILIZATION II	03.0
<i>Prerequisite:</i> None		
Survey of the development of Western civilization, 1648 to the present. Will fulfill the western traditions requirement for TMCC students who have not yet matriculated at the University of Nevada, Reno. Matriculation is defined as formal admission and enrollment in one or more credits at the University. Part-time students with nondegree status at UNR are not considered to have matriculated and are eligible to take the equivalency courses. Please direct your questions to the Transfer Center at UNR, 784-6230.		
HIST 198B	SPECIAL TOPICS IN HISTORY	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
HIST 208	WORLD HISTORY I	03.0
<i>Prerequisite:</i> None		
A survey of the societies and cultures of Asia, Africa, the Middle East, Europe, the Americas and Oceania to 1600. Satisfies TMCC and UNR Diversity core curriculum.		
HIST 209	WORLD HISTORY II	03.0
<i>Prerequisite:</i> None		
A review of the principle developments in world history since 1600, including scientific and technological revolutions, social revolutions, nationalism, immigration, colonialism, world wars, decolonization, modernization, democracy and dictatorships. Satisfies TMCC and UNR Diversity core curriculum.		
HIST 211	HISTORY OF EAST ASIA I	03.0
<i>Prerequisite:</i> None		
An examination of the philosophical, religious, political and social traditions of East Asia from ancient times to the nineteenth century. Satisfies TMCC and UNR Diversity core curriculum.		
HIST 212	HISTORY OF EAST ASIA II	03.0
<i>Prerequisite:</i> None		
The impact of colonialism and imperialism upon East Asia. How Asians responded to and eventually triumphed over foreign rule. The struggles and achievements of Asian peoples and nations since independence. Satisfies TMCC and UNR Diversity core curriculum.		
HIST 217	NEVADA HISTORY	03.0
<i>Prerequisite:</i> None		
Nevada history from exploration to the present. Includes examination of the Nevada Constitution and satisfies the Nevada Constitution general education requirement.		
HIST 225	INTRODUCTION TO THE VIETNAM WAR	03.0
<i>Prerequisite:</i> None		
The United States involvement in Vietnam beginning during WW II. Decisions made by seven U.S. presidents and their impact and retrospective views of the disastrous ending of the war will be examined.		
HIST 227	INTRODUCTION TO LATIN AMERICAN HISTORY & CULTURE I	03.0
<i>Prerequisite:</i> None		
An overview of Hispanic history including language, literature, geography, religion, music and politics from the pre-Columbian era to 1826. Satisfies TMCC and UNR Diversity core curriculum.		
HIST 228	INTRO TO LATIN AMERICAN HISTORY AND CULTURE II	03.0
<i>Prerequisite:</i> None		
An overview of Hispanic history including language, literature, geography, religion, music and politics from 1826 to the present. Satisfies UNR diversity core curriculum.		
HIST 247	INTRODUCTION TO THE HISTORY OF MEXICO	03.0
<i>Prerequisite:</i> None		
A brief review of Pre-Colombian and Colonial Mexico; Mexican national history beginning with the War of Independence in 1810; political history, geographical, economical and social review. Will satisfy three credits of humanities requirements. Satisfies TMCC and UNR Diversity core curriculum.		
HIST 248	INTRODUCTION TO THE AMERICAN CIVIL WAR	03.0
<i>Prerequisite:</i> None		
Era of the Civil War from the events immediately preceding the national conflict to its conclusion. Topics covered include: strategy, tactics, battles, generals, politics, economics, why the North won, why the South lost, technology and European diplomatic relations.		
HIST 288	HITLER & STALIN: STUDIES IN TYRANNY	03.0
<i>Prerequisite:</i> None		
This class explores the dramatic impact both Hitler and Stalin had on the shaping of the 20th Century. This class will analyze the Empires of Continental Europe and connect the weaknesses and collapse of these empires with the emergence of Fascism and Communism. The rise to power of Hitler and Stalin will be analyzed, as will be their ability to consolidate and maintain power. The class will explore uneasy alliances, military decisions and their outcomes, persecution of populations and the Cold War.		

HISTORY

- HIST 289 INTRODUCTION TO THE HISTORY OF THE MIDDLE EAST** 03.0
Prerequisite: None
History of the Middle East from antiquity through the fifteenth centuries with special emphasis on Islam in both the religious and cultural senses and upon its institutional, political, and economic development; from the sixteenth to the twentieth century with emphasis upon the Ottoman system, the economic, cultural, and political impact of imperialism and the emergence of the modern state systems. Includes cross-cultural comparisons across the region and places Middle Eastern culture within the context of the world community. Satisfies TMCC and UNR Diversity requirements.
- HIST 290B INTERNSHIP IN HISTORY** 01.0-08.0
Prerequisite: None
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 8 semester hour credits may be earned on the basis of 100 hours of internship for 1 credit. May be repeated for up to 8 credits.
- HIST 291 INTRO TO WOMEN'S HISTORY AND LITERATURE IN THE US** 03.0
Prerequisite: None
This interdisciplinary survey course examines women's history and gender relations in the United States from the colonial period to the present. It explores the dynamics and cultural construction of race, ethnicity, class, and gender in women's historical experience. In addition, it examines the portrayal of women in literature and, to a lesser extent, in art, music and film. Multi-cultural perspectives will be included through examination of African American, Native American and Latina writers. Fulfills TMCC and UNR Diversity Requirement.
- HIST 293 INTRODUCTION TO AFRICAN AMERICAN HISTORY I** 03.0
Prerequisite: None
A survey of African American history from the time of European settlement of North America to emancipation. Topics include the impact of Africa on African American life; the origins and evolution of American slavery; the rise of a distinctive African American culture; the formation of free black society after the Revolution; the black struggle against slavery; and the turbulence of the Civil War era. Satisfies TMCC and UNR Diversity core curriculum.
- HIST 294 INTRODUCTION TO AFRICAN AMERICAN HISTORY II** 03.0
Prerequisite: None
A survey of African American history from emancipation to the present. Topics include the meaning of emancipation; the emergence of legal racial segregation; strategies of accommodation and resistance in the early 20th century; the emergence and decline of the modern civil rights movement; and contemporary issues in African American studies. Satisfies TMCC and UNR Diversity core curriculum.

HUMAN DEV. AND FAMILY STUDIES

- HDFS 201 LIFESPAN HUMAN DEVELOPMENT** 03.0
Prerequisite: None
Overview of growth and development from prenatal period through adulthood. Formerly HEC 274.
- HDFS 202 INTRODUCTION TO FAMILIES** 03.0
Prerequisite: None
Dynamics of development, interaction and intimacy of primary relationships in contextual and theoretical frameworks. Societal issues and choices facing diverse family systems.
- HDFS 232 DIVERSITY IN YOUNG CHILDREN** 03.0
Prerequisite: None
This course will focus on the development of young children birth through eight years old. It will examine the physical, social, emotional, language and cognitive development of children of diverse cultural backgrounds around the world. It will focus on typical and atypical development, gender differences and cultural differences among children. Satisfies TMCC Diversity requirement.

HUMANITIES

- HUM 101 INTRODUCTION TO HUMANITIES I** 03.0
Prerequisite: None
A survey of the major humanizing influences from ancient Egypt through the Renaissance in western civilization: music, art, literature, film and philosophy. Course considers important movements and figures. Satisfies UNR core curriculum.
- HUM 102 INTRODUCTION TO HUMANITIES II** 03.0
Prerequisite: None
A continuation of Humanities 101 from the Baroque to the modern era. Satisfies UNR core curriculum.
- HUM 105 ART OF FILM** 03.0
Prerequisite: None
This course will teach students to appreciate, interpret and respond to selected films from particular genres (for example, the science fiction film), directors (for example, the films of Alfred Hitchcock) or stars (for example, the films of Katherine Hepburn) and to recognize the human values these films depict. It will also introduce students to some of the techniques of filmmaking in general. Same as THTR 180.

HUMANITIES

HUM 106	INTRO TO THE AMERICAN MOTION PICTURE	03.0
<i>Prerequisite:</i> None		
This course is intended to give the student insight into the development of the one truly new artistic medium of the 20th century. It will mainly concern itself with the motion picture from the time of D.W. Griffith and his silent epics ca. 1915 to the demise of the Hollywood studio system by the end of the 1950's. This will be organized chronologically and by selected genres. Outstanding directors and producers will be discussed. Satisfies UNR core curriculum.		
HUM 198B	SPECIAL TOPICS IN HUMANITIES	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
HUM 201	HISTORY OF THE BUILT ENVIRONMENT	03.0
<i>Prerequisite:</i> None		
This course will discuss the history of architecture and city design in the western and non-western civilization. The time periods to be covered will be from classical Greek, Hellenistic and Roman, through the Romanesque period, including the events and architecture of non-western civilizations happening in the same time frame. The influences these architecture and design philosophies have had on the shaping of civilization will also be discussed. What civilization reflects through its architecture during these periods will be examined. Same as AAD 201. Satisfies TMCC Diversity requirement. Formerly HUM 114.		
HUM 211	SURVEY OF CHINESE CULTURE	03.0
<i>Prerequisite:</i> None		
Survey of Chinese Culture will introduce the student to key events and concepts from China's cultural development from roughly the time of the ancient Shang dynasty to the People's Republic of China. China's contributions to philosophy, literature and art will be stressed. The class will fulfill TMCC and UNR's Diversity requirement. Formerly HUM 150.		
HUM 214	SURVEY OF MIDDLE EAST CULTURE	03.0
<i>Prerequisite:</i> None		
Survey of Middle East Culture introduces student to the many peoples, cultures, and religions of the Middle East. A fundamental focus of the course is the understanding and analysis of interrelations between diverse cultures. The course explores the unique trends and forms of literature, architecture, paintings, and music that have spread throughout the Middle East region. It also analyzes how thinkers, writers and artists in these societies have expressed the religious, political and gender divisions within their own cultures. Finally, the course includes an examination of the complex relationships between the Middle East and the West. The class fulfills UNR's diversity requirement.		
HUM 225	A CULTURAL PERSPECTIVE: SPAIN...NEW MEXICO	03.0
<i>Prerequisite:</i> None		
A PERSPECTIVE OF CULTURAL DIVERSITY IN SPAIN AND THE AMERICAN SOUTHWEST. This course will introduce the differing cultures of Spain within a historical context. Students will look closely at the intertwining of art, religion and history during the Middle Ages, focusing on the Camino de Santiago, the St. James pilgrimage route across northern Spain that is still traveled today. The course will include a study of the influence of the Moors upon the language, art and philosophy of Spain. It will trace the first Spanish explorers as they brought the traditions of the Old World into New Mexico, before the founding of Jamestown. This blending of the Spanish and Pueblo cultures has resulted in the uniqueness of the Southwest today. The course will be taught in English and is the same as Spanish 225. Satisfies TMCC Diversity requirement.		
HUM 260	AMERICAN INDIAN LITERATURE AND CULTURE	03.0
<i>Prerequisite:</i> None		
This course explores the continuity between oral traditions of American Indian culture and literary works of contemporary American Indian authors. Participants will gain knowledge of tribal creation accounts, trickster cycles, and traditions of illness and curing. Satisfies TMCC Diversity requirement.		
HUM 270B	OPERA AND LITERATURE	03.0
<i>Prerequisite:</i> None		
Opera and Literature introduces the fundamentals of opera and its historical background. It also introduces the study and interpretation of literary masterpieces used as the foundation of opera librettos as a perspective for a better understanding of opera plots and characters and allows the students to experience the combination of music and literature through opera in the video medium.		
HUM 271	FILM AND LITERATURE	03.0
<i>Prerequisite:</i> None		
This course introduces students to the world's greatest literature through study and analysis of the written text and the experience of viewing the rendering of the text in the film medium. Students will not only gain a historical perspective and aesthetic understanding of classic literary works, they will experience the visual interpretation of the work in another medium.		
HUM 272	SHAKESPEARE THROUGH FILM	03.0
<i>Prerequisite:</i> None		
This course introduces students to the plays of Shakespeare through reading the plays, viewing film versions of the plays and exploring Shakespeare's art through discussion and writing. The critical emphasis will evaluate the film presentations as an interpretation of Shakespeare's text.		

HUMANITIES

HUM 295	ISSUES IN HUMANITIES	01.0-09.0
<i>Prerequisite:</i> None		
Explores ideas, issues, and movements worthy of special focus for their significant impact on the cultural, social, political, or spiritual values of human civilization.		

INDUSTRIAL MAINTENANCE

IMT 110B	INTRODUCTION TO INDUSTRIAL ELECTRICITY	01.0-06.0
<i>Prerequisite:</i> None		
An introductory course in electricity as applied to industry, particularly manufacturing. The course will present electrical principals, symbols and circuits while stressing electrical safety and safe work practices. In-class exercises will include the use of breadboards and simple hardwired devices to facilitate understanding of basic concepts, practices and common wiring devices and practices and an introduction to fundamental troubleshooting procedures.		
IMT 140B	ELECTRIC MOTORS AND DRIVES	01.0-06.0
<i>Prerequisite:</i> IMT 110B and 120B.		
This is a hands-on course designed to give experience with basic motor construction and principles of operation of single and poly phase motors. Also covered are variable speed drives and braking. The course covers AC and DC motors with an emphasis on maintenance and troubleshooting.		
IMT 208B	HYDRAULICS	03.0
<i>Prerequisite:</i> None		
This course covers a review of hydraulic power mechanics with an emphasis on hydraulic circuit operation and design. Hydraulic components operation, diagnosis and repair will be covered.		
IMT 210B	PROGRAMMABLE LOGIC CONTROLLERS	01.0-06.0
<i>Prerequisite:</i> IMT 110B and 120B.		
An introduction to and hands-on experience with Programmable Logic Controllers (PLC's). Emphasis is on understanding the basic operation and fundamental use of PLC's in industry as a "relay-replacer." The student will build several PLC based control circuits and program the PLC's using PC based software.		
IMT 220B	PROGRAMMABLE LOGIC CONTROLLERS (PLC II)	01.0-06.0
<i>Prerequisite:</i> IMT 110B, 120B and 210B.		
This is a hands-on course designed to give further experience with Programmable Logic Controllers (PLC's). It is a continuation of basic PLC and "microprocessor based" control concepts and takes the student through register instructions. It assumes the student has had some experience with PLC's and PLC control. Upcoming classes will build on the information presented here.		
IMT 233B	INTRODUCTION TO INSTRUMENTATION	01.0-04.0
<i>Prerequisite:</i> IMT 110B.		
An introduction to the fundamentals of instrumentation and process control. Concepts and measurement of physical variables and brief descriptions of individual processes and combination of processes used in industry. Theory of operation and application of associated process instruments covered.		
IMT 290B	INTERNSHIP IN IMT	01.0-08.0
<i>Prerequisite:</i> Approval of the instructor.		
This course provides the student with the opportunity to acquire real-world experience under the supervision of qualified industry personnel. This course is an extension supplemental to classroom/lab experiences. Student grades will be assigned as a cooperative effort between faculty and job supervisor.		

INFORMATION SYSTEMS

IS 101	INTRODUCTION TO INFORMATION SYSTEMS	03.0
<i>Prerequisite:</i> None		
An introduction to computer terminology, hardware and application programs for management information systems. Students are introduced to business, industry and education applications of popular software using spreadsheets, word processors, and data bases. "Hands on" experience is provided through student use of open lab. Formerly CIT 101 and IS 150.		
IS 115	INTRODUCTION TO PROGRAMMING	03.0
<i>Prerequisite:</i> CIT 111*.		
A first course in programming. May use any BASIC as the language tool. Deals with the ideas of typical processes, internal computation, Input/Output, decision and control and typical applications. Formerly COT 283 and CIT 115.		
IS 201	COMPUTER APPLICATIONS	03.0
<i>Prerequisite:</i> IS 101 or equivalent.		
Advanced topics in spreadsheets, microcomputer-based database management systems and macro-programming. Formerly COT 203 and IS 203.		

ITALIAN

ITAL 113	ELEMENTARY ITALIAN I	04.0
<i>Prerequisite:</i> None		
Introduction to fundamentals of Italian grammar. Spoken communication and listening skills with considerable emphasis on written communication and reading skills. Prior knowledge of the Italian language is not required. Formerly ITAL 101.		
ITAL 114	ELEMENTARY ITALIAN II	04.0
<i>Prerequisite:</i> ITAL 113 or equivalent course or instructor's approval.		
Continuation course to Italian 113. It introduces more advanced and complex forms of Italian grammar. Spoken communication and listening skills and a more detailed emphasis on written communication and reading skills. Formerly ITAL 102.		
ITAL 213	INTERMEDIATE ITALIAN I	03.0
<i>Prerequisite:</i> ITAL 114 or equivalent course or instructor's approval.		
Structural review. This course introduces intermediate forms of Italian grammar. Spoken communication, listening and written communication skills. Readings from newspaper clips and magazine articles. Viewing and discussing of Italian films. Formerly ITAL 103B.		
ITAL 214	INTERMEDIATE ITALIAN II	03.0
<i>Prerequisite:</i> ITAL 213 or equivalent course or instructor's approval.		
Structural review. This course is a continuation of Italian 103. It introduces intermediate/advanced forms of Italian grammar. Spoken communication, listening and written communication skills. Readings from newspaper clips and magazine articles. Viewing and discussion of Italian films. Formerly ITAL 104B.		

JAPANESE

JPN 101B	CONVERSATIONAL JAPANESE I	03.0
<i>Prerequisite:</i> None		
A course emphasizing spoken communication. Writing, listening and reading skills will be explored.		
JPN 102B	CONVERSATIONAL JAPANESE II	03.0
<i>Prerequisite:</i> JPN 101B or permission of the instructor.		
A continuation of Japanese 101B.		
JPN 198B	SPECIAL TOPICS IN JAPANESE	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		

JOURNALISM

JOUR 101	CRITICAL ANALYSIS OF MASS MEDIA	03.0
<i>Prerequisite:</i> None		
Survey of the role of newspapers, radio, television, advertising and public relations organizations. Interpretation of the day's news and analysis of media performance.		
JOUR 102	NEWS REPORTING AND WRITING	03.0
<i>Prerequisite:</i> JOUR 101.		
Writing in journalistic styles for the mass media. Emphasis of information gathering and organization, analysis, clarity of expression. Formerly JOUR 201.		
JOUR 105	PUBLICATIONS PRODUCTION I	03.0
<i>Prerequisite:</i> None		
Introduction to news gathering, news writing and news presentation with practical application demonstrated by applying efforts toward production of a campus publication.		
JOUR 106	PUBLICATIONS PRODUCTION II	03.0
<i>Prerequisite:</i> JOUR 105B, GRC 103 and 118 recommended.		
Advanced news gathering, news writing and news presentation with practical application demonstrated by applying efforts toward production of a campus publication.		
JOUR 203	WRITING ACROSS MEDIA	03.0
<i>Prerequisite:</i> JOUR 102.		
Information gathering and writing for mass media professions, including print, online, broadcast, advertising, and public relations.		
JOUR 204	INTRODUCTION TO MEDIA PRODUCTION	03.0
<i>Prerequisite:</i> JOUR 203.		
Introduction to production tools and computer interfaces; Emphasis on visual literacy, imaging, video, and audio editing, Internet authoring, creating multimedia documents. Limited to journalism majors.		
JOUR 221	NEWS GATHERING AND WRITING	03.0
<i>Prerequisite:</i> JOUR 106, GRC 103 and 118.		
What makes news, how news is obtained and how news is written are studied and applied in reporting news for newspapers and other media.		

LAB TECHNICIAN

LTE 110 TECHNIQUES OF VENIPUNCTURE 04.0
Prerequisite: Proof of Rubella titer/MMR vaccination, Hepatitis B, DT, 2 step TB and current medical insurance.
A course designed to give the student knowledge and skills necessary to perform the collection, identification and preservation of specimens as applied to venipuncture technique. The course includes medical terminology, ethics, finger stick procedure and patient contact methods. Emphasis is placed on the role of the venipuncturist in a modern health and delivery system.

LAW/PARALEGAL

LAW 101 FUNDAMENTALS OF LAW I 03.0
Prerequisite: None
(Legal Specialty course) Relationship and delineation of the function and responsibility of the legal assistant, the attorney and the client; survey of substantive areas of the law; structure of the legal system; basic legal terminology; ethics and liability of the legal profession.

LAW 198B SPECIAL TOPICS LEGAL ASSISTANT 00.5-06.0
Prerequisite: None
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.

LAW 203 REAL PROPERTY 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) Discussion of real property law, including landlord/tenant law, deeds of trust and foreclosures. The course will also cover the practical application of practice in these areas.

LAW 204 TORTS 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) An overview of tort law. Concepts to be discussed include intentional torts, strict liability, negligence, proximate cause, re ipsa loquitur, comparative responsibility, premises liability, product liability, professional negligence and worker's compensation.

LAW 205 CONTRACTS 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) A survey of contract law. Discussion of the essential elements of contracts, with special emphasis placed on the practical analysis of contracts. Discussion on the filing of a complaint for breach of contract. Also, discussion of debtor/creditor rights.

LAW 206B CASE ANALYSIS 01.0-03.0
Prerequisite: LAW 101 a grade of "B" or better.
(Legal Specialty course) This course is designed to take students through cases systematically, enabling them to identify the procedural history, critical facts, legal issues, court holdings, rationale and dicta. The student will also be able to assimilate these components into a brief or memo.

LAW 231 PROCEDURE - CIVIL 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) Emphasis on jurisdiction of the court system in Nevada. Discussion of complaints, summons, answers, supplemental pleadings. Will also cover pretrial tactics, motions, exceptions, venue, discovery, depositions and summary judgments.

LAW 232 PROCEDURE - CRIMINAL 03.0
Prerequisite: LAW 101 with a grade of 'B' or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) An overview of the procedure involved in criminal cases. Includes a discussion of complaints, indictments, writs of habeas corpus, trial motions and post-conviction remedies.

LAW 233 BUSINESS STRUCTURES 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) A survey of corporate, partnership and agency law. Discussion of some types of employment law. The drafting of corporate and partnership agreements will also be covered.

LAW 251 BANKRUPTCY 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) This course will provide a basic knowledge of bankruptcy law, with emphasis on understanding the schedules, preparing proofs of claims and motion practice within the bankruptcy court.

LAW 252 FAMILY LAW 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) Covers the law related to family issues. Includes a discussion of rights and obligations of parties to each other and their offspring. Divorce, custody and support, spousal agreements, termination of parental rights, adoptions and collection of child support are all discussed.

LAW 253 LAW OFFICE MANAGEMENT 03.0
Prerequisite: None
This course focuses on seven areas within law office management. These areas are time management, financial management, operations management, technology, business planning, facilities management and land law office personnel management. The goal of this course is to develop the student's law office management assessment and analytical skills. LAW 253 shows the student how to evaluate, alter and implement law office policies, techniques and procedures.

LAW/PARALEGAL

- LAW 255 PROBATE PROCEDURES** 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 259 and 261. This course can be taken concurrently with LAW 259.
(Legal Specialty course) Law related to estate planning issues. Includes procedure to distribute a person's estate upon one's death; creation and administration of a trust and procedure to appoint another to act on one's behalf. Also includes a discussion of health care documents and related elderly care issues.
- LAW 259 LEGAL WRITING** 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B and 261.
(Legal Specialty course) In-depth study and development of legal writing skills. Emphasis is placed on writing assignments which assume a knowledge of basic legal research skills, development of memoranda of points and authorities and analyses of case facts. Also discussed will be office memoranda and appeal briefs. Formerly LAW 262.
- LAW 261 LEGAL RESEARCH I** 03.0
Prerequisite: LAW 101 with a grade of "B" or better.
(Legal Specialty course) Covers legal research and terminology. The student will become familiar with the law library and develop legal research skills through the use of legal digests, encyclopedias, reporter systems, indexes, Shepard's, treatises, cases, statutes, legal periodicals, government documents and other research material. Emphasis is placed on developing legal briefing skills and finding answers to legal research questions.
- LAW 263 ETHICS** 01.0-03.0
Prerequisite: LAW 101 with a grade of "B" or better.
(Legal Specialty course) Covers the relationship between the attorney, client and legal assistant. Discusses what a legal assistant may and may not do. Also discusses conflicts of interest, dealing with witnesses and adverse parties and confidentiality.
- LAW 264 CIVIL EVIDENCE** 03.0
Prerequisite: LAW 101 with a grade of "B" or better, 206B, 231, 259, 261 and 12 additional semester LAW credits.
(Legal Specialty course) Covers interviewing skills, fact pattern analysis, discovery preparation and evidence. Emphasis is placed on preparation of documents throughout the court process.
- LAW 267B LEGAL OFFICE PRACTICE AND PROCEDURES** 03.0
Prerequisite: BUS 108 or ENG 101 or equivalent or qualifying Accuplacer, ACT/SAT test results.
An overview of Nevada State civil and criminal court rules and the local rules of practice of the US District Court for the District of Nevada. Concepts include jurisdiction, venue, removal, service of process pleadings, motions, affidavits, stipulations, orders, depositions, discovery, alternative dispute resolution, jury trials and appeals. There will be a computer component in this course. Focus goes beyond concept to actual document flow and filings, I.e. "how to get things done."
- LAW 268B LEGAL OFFICE BASICS** 03.0
Prerequisite: BUS 108 or ENG 101 or equivalent or qualifying Accuplacer, ACT/SAT test results.
A survey course to introduce the student to legal terminology, court systems, legal systems, internal office practice and procedures, interaction with legal agencies and courts; formatting of pleading documents and legal documents, overview of time lines and notice requirements in basic court procedures and survey of criminal and civil law. There will be a computer component in this class. Formerly LAW 266B.
- LAW 295 SUPERVISED FIELD EXPERIENCE** 03.0
Prerequisite: LAW 101B with a 'B' or better, 206B, 231, 259, 261, 263 and 12 semester LAW credits.
(Legal Specialty course) Please consult with the program coordinator. Legal assistant work experience under the supervision of an attorney. The student will work at a local law firm or agency eight hours a week for the 15-week semester to gain practical work experience. The student reports and evaluates his/her experience with the program coordinator.

LIFE EXPERIENCE ASSESSMENT PROGRAM

- LEAP 101B LEAP PORTFOLIO** 01.0-06.0
Prerequisite: Student must have a declared major, completed the English requirement for that major and 12 credits taken at TMCC.
LEAP is a portfolio program designed to assist learners in the process of preparing a portfolio to earn credit toward the award of a certificate or degree for prior learning experiences that can be shown, through various means of assessment, to be the equivalent of learning gained through formal collegiate instruction.

MANAGEMENT

- MGT 103 SMALL BUSINESS MANAGEMENT** 03.0
Prerequisite: Qualifying Accuplacer, ACT/SAT test results. Must score at ENG 090 level.
Environment and management of the small business enterprise, problems in initiating the business, financial and administrative control, marketing programs and policies, management of business operations, legal and governmental relationships. Transfers as an elective to UNR. All MGT 103 students must take the English assessment test before enrolling. Students must bring their placement reports to the first class meeting. Attendance beyond the first class is subject to instructor approval.

MANAGEMENT

MGT 170B	MANUFACTURING SUPERVISION	04.0
<i>Prerequisite:</i> None		
Fundamentals and principles of manufacturing supervision, policies and procedures and problems in supervision and leadership.		
MGT 171	SUPERVISION	03.0
<i>Prerequisite:</i> None		
Supervision provides a skill building approach to develop people and the conceptual skills necessary to successfully supervise employees. In addition, the functional supervisory skills of planning, organizing, staffing, leading and controlling will be developed.		
MGT 198B	SPECIAL TOPICS MANAGEMENT	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
MGT 201	PRINCIPLES OF MANAGEMENT	03.0
<i>Prerequisite:</i> Qualifying Accuplacer, ACT/SAT test results. Must score at ENG 090 level.		
Fundamentals and principles of management; administrative policies, objectives and procedures and problems of organization control and leadership. Students must bring their placement reports to the first class meeting. Attendance beyond the first class is subject to instructor approval.		
MGT 202	INTRODUCTION TO RESORT MANAGEMENT	03.0
<i>Prerequisite:</i> None		
Topics will include principles of modern resort management as they pertain to specific areas such as staffing, directing, organizing of food and beverage operations, equipment rentals, recreational facilities and overall hotel-resort management. The course will specifically focus on the unique problems of ski resort management and the application of special methods needed to meet the managerial requirements of these unique resort properties.		
MGT 212	LEADERSHIP AND HUMAN RELATIONS	03.0
<i>Prerequisite:</i> Qualifying Accuplacer, ACT/SAT test results. Must score at ENG 090 level.		
The focus of the course is on understanding and managing human behavior in organizations. Central to the course is better understanding oneself as a leader and exploring some of the more effective ways of leading others. All MGT 212 students must take the English assessment test before enrolling. Students must bring their placement reports to the first class meeting. Attendance beyond the first class is subject to instructor approval.		
MGT 235	ORGANIZATIONAL BEHAVIOR	03.0
<i>Prerequisite:</i> MGT 201 or permission of instructor.		
Concepts, theories and case studies concerning the behavior of people in modern business organizations.		
MGT 251B	LABOR RELATIONS	03.0
<i>Prerequisite:</i> None		
This course is designed for first level supervisors, managers of small companies, any business person and any student or individual interested in the legal background of the relationship between employees and employers.		
MGT 283	PERSONNEL ADMINISTRATION	03.0
<i>Prerequisite:</i> None		
Designed to develop an understanding of the duties and responsibilities of personnel at the mid-management level. Areas covered include: employee needs, human relations, orienting and training employees, benefit programs and economics of supervision. All MGT 283 students must take the English assessment test before enrolling. Students must bring their assessment report to the first class meeting. Attendance beyond the first class is subject to instructor approval.		
MGT 290B	INTERNSHIP IN MANAGEMENT	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge and skills to real on- the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed most Core and Major requirements and have A 2.5 G.P.A. Contact the instructor for the application, screening, and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. May be repeated for up to eight credits.		
MGT 294B	SEMINAR IN MANAGEMENT	01.0-04.0
<i>Prerequisite:</i> MGT 201, other MGT courses or permission of instructor.		
Analysis of the nature and problems of an approach to management planning, organizing, decision making and controlling through the study of recent relevant literature and selected cases.		

MANUFACTURING TECHNOLOGY

MTT 101B	INTRODUCTION TO MACHINE SHOP	03.0
<i>Prerequisite:</i> None		
Introduces safety procedures, use of bench tools, layout tools, power saws, drill presses, precision measurement tools, rotary tables and indexing devices, lathe and mill cutting tools and tool holding, work holding and machining applications as well as the various hand tools related to the machine shop.		

MANUFACTURING TECHNOLOGY

MTT 105B	MACHINE SHOP I	03.0
<i>Prerequisite:</i> MTT 101B or concurrent enrollment.		
Introduces basic lathe applications which will consists of identifying lathe components and controls, understanding turning safety, calculating speeds and feeds, using various tools and tool holders, identifying basic tool geometry, and the use of common lathe tooling. Students will perform basic lathe operations, which will consist of facing, turning, and drilling. Students will be required to produce specified parts to a tolerance of +/- .004 in. and perform competencies set by manufacturing standards. Formerly MTL 164B.		
MTT 110B	MACHINE SHOP II	03.0
<i>Prerequisite:</i> MTT 101B or concurrent enrollment.		
Introduces basic milling machine applications which will consist of identifying mill components and controls, understanding milling safety, calculating speeds and feeds, using various tools and tool holders, identifying basic tool geometry, and the use of common milling machine tooling. Students will perform basic milling operations consisting of facing, squaring, slotting, and drilling. Students will be required to produce specified parts to a tolerance of +/- .004 in. and perform competencies set by manufacturing standards. Formerly MTL 166B.		
MTT 140B	INSPECTION TECHNIQUES	03.0
<i>Prerequisite:</i> None		
Exposes the student to the principles of dimensional metrology. Students will learn how to use common measuring instruments relating to state-of-the-art manufacturing environments. Students will also learn the importance of Quality Control, TQM, and SPC processes as they relate to manufacturing environments. Use of a coordinate measuring machine will be delivered. Formerly 172B.		
MTT 145B	QUALITY CONTROL	03.0
<i>Prerequisite:</i> None		
This course introduces students to the fundamental principles and practices of industrial quality control. Total Quality Management (TQM), Acceptance Sampling Systems are discussed in depth.		
MTT 150B	METALLURGY I	03.0
<i>Prerequisite:</i> None		
Offers a study of metallurgical terms and definitions in an effort to understand both the behavior of metals and their service to industry. Characteristics during heating, cooling, shaping, forming, and the stresses related to their mechanical properties are covered. The theory behind the alloys, heat treatment processes, and the impact they have on strength, toughness, hardness, elasticity, ductility, malleability, wear resistance and fatigue resistances is investigated. Formerly MTL 170B.		
MTT 185B	AUTOMATED PRODUCTION CONCEPTS I	03.0
<i>Prerequisite:</i> None		
This course introduces students to the concepts of production systems management and control. This course stresses materials resource planning and basic production line controls, to include robotic, conveyer, machine tool, and quality integration.		
MTT 198B	SPECIAL TOPICS IN MANUFACTURING	01.0-06.0
<i>Prerequisite:</i> None		
This course introduces and discusses special topics related to Manufacturing Technology.		
MTT 230B	COMPUTER NUMERICAL CONTROL I	04.0
<i>Prerequisite:</i> MTT 105B (formerly MTL 164B) or consent of instructor.		
Covers computer numerical control (CNC) lathe operations, program format, and machine setup. G & M codes, control functions, the letter address system, and math issues related to CNC are included. Students will program, set-up and produce a variety of CNC lathe projects.		
MTT 232B	COMPUTER NUMERICAL CONTROL II	04.0
<i>Prerequisite:</i> MTT 110B (formerly MTL 166B) or consent of instructor.		
Covers computer numerical control (CNC) milling operations, program format, and machine setup. G & M codes, control functions, the letter address system, and math issues related to CNC are included. Students will program, set-up and produce a variety of CNC milling projects.		
MTT 250B	MACHINE SHOP III	03.0
<i>Prerequisite:</i> MTT 105B (formerly MTL 164B).		
This course is a continuation of MTT 105B and teaches students to prepare single point external and internal unified screw threads, generate angles with the compound rest within one degree, ream holes concentric within .001 inches, determine cutting speeds, and perform facing, grooving, part-off, and tuning operations.		
MTT 260B	MACHINE SHOP IV	03.0
<i>Prerequisite:</i> MTT 110B (formerly MTL 166B).		
This is a continuation of MTT 110B and prepares students to determine hole locations by coordinates and degrees, use a rotary table, boring head, form tools, angle work, and work within +/- .001 inch tolerance.		
MTT 285B	AUTOMATED PRODUCTION CONCEPTS II	03.0
<i>Prerequisite:</i> MTT 185B.		
This course is a continuation of MTT 185B Automated Production Concepts I and introduces students to the advanced concepts of production system management and control. This course stresses materials resource planning and advanced complex production line controls, to include robotic, conveyer, machine tool, and quality integration.		

MANUFACTURING TECHNOLOGY

MTT 286B	AUTOMATED PRODUCTION CONCEPTS III	02.0
<i>Prerequisite:</i> MTT 285B.		
This course is a continuation of MTT 185B and 285B Automated Production Concepts I & II and serves as the capstone course for the AAS Manufacturing Technology, Production Systems Emphasis. Students are required to combine concepts from all core courses to complete a comprehensive complex production system evolution.		
MTT 292B	COMPUTER-AIDED MANUFACTURING I	04.0
<i>Prerequisite:</i> MTT 232B or consent of instructor.		
This course provides the student with the essential concepts and techniques that are required for successful creation of two-dimensional part geometry, generation and verification of 2 1/2 axis toolpath models, as well as post processing of 2 1/2 axis NC codes within a computer-aided manufacturing (CAM) system. Requires students to produce a variety of lab exercises on robotic (CNC) machinery utilizing multi-tool programs. Coursework will primarily focus on 2D geometry projects. Basic understanding of milling machine operations is recommended.		
MTT 293B	COMPUTER-AIDED MANUFACTURING II	04.0
<i>Prerequisite:</i> MTT 292B or consent of instructor.		
This course is a continuation of MTT 292B with the addition of simultaneous three axis motion control and provides the student with the essential concepts and techniques that are required for successful creation of three-dimensional part geometry, solids, and surfacing, generation and verification of three axis toolpath models, as well as, post processing of three axis NC codes within a computer-aided manufacturing (CAM) system. Requires students to produce a variety of lab exercises on robotic (CNC) machinery utilizing multi-tool programs. A familiarly with Mastercam, CNC programming techniques, and CNC operations is recommended.		

MARKETING

MKT 115	PURCHASING	03.0
<i>Prerequisite:</i> None		
This basic course will introduce the student to purchasing techniques and practices. Specific topics to be covered include purchasing department functions and responsibilities; purchasing tools, forms and procedures; vendor relationships and policies; the position of purchasing in the organization; centralized vs. decentralized purchasing; controls; determining standards of purchasing performance; and the future of purchasing.		
MKT 129	PRINCIPLES OF SALES	03.0
<i>Prerequisite:</i> None		
The purpose of this course is to give each participant a superior knowledge of persuasive communication techniques in a business setting. Intensive study of body language, personality types, learning/communication styles and neuro-linguistic programming are included. Students will practice reading and interpreting body language. Furthermore, each participant will be trained how to determine and react to different personality types and neuro-linguistic styles. The importance of using diverse communication styles and techniques with different cultures is covered. Students will be required to speak in front of the class and do a sales presentation. Participants will gain a sense of self-confidence and assertiveness.		
MKT 130	INTRODUCTION TO MARKETING	03.0
<i>Prerequisite:</i> None		
Intense study of marketing philosophy including: segmenting and developing target markets, pricing, distribution and location analysis, promotion and product development. Upon completion of this course, the student will understand the marketing concept and be able to explain how an organization can develop an effective marketing strategy. All MKT 130 students must take the English assessment test before enrolling. Students must bring their assessment reports to the first class meeting. Attendance beyond the first class is subject to instructor approval. MKT 130 transfers to UNR as MGRS 210 for 3 credits.		
MKT 131	ADVERTISING	03.0
<i>Prerequisite:</i> None		
Presents methods and techniques in modern advertising, giving information to do the entire advertising job. Copywriting, selection of media and how the advertiser can approach his/her problem most effectively are included.		
MKT 198B	SPECIAL TOPICS MARKETING	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
MKT 229	PUBLIC RELATIONS	03.0
<i>Prerequisite:</i> None		
Techniques of public relations for those holding supervisory or higher positions in management and marketing. Principles of creating and maintaining good public relations, including employee-employer relations. Customer-employee relations receive emphasis. Focuses on the programming of the total public relations effort and selecting of appropriate strategy, media and persuasive devices to accomplish objectives.		

MARKETING

MKT 290B	INTERNSHIP IN MARKETING	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge and skills to real on- the-job situations in a small program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed most Core and Major requirements and have A 2.5 G.P.A. Contact the instructor for the application, screening, and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.		
MKT 299	MARKETING YOURSELF	01.0
<i>Prerequisite:</i> ENG 101 or permission of the instructor.		
The most important product you will ever market is yourself! This course highlights techniques that many very successful companies use to market their products. An in-depth review and analysis of the Boston Consulting Group Matrix, Product Life Cycle Analysis, and the General Electric Grid is conducted. These frameworks of thinking are reworked specifically for the use of a person in the process of planning a career or currently marketing themselves. An individual marketing strategy will be developed for the target market picked.		

MATHEMATICS

MATH 081	FRACTIONS	01.0
<i>Prerequisite:</i> Pass multiplication and addition facts assessment with 90% or better.		
Learn to add, subtract, divide and multiply fractions with like and unlike denominators while gaining a clear understanding of the relationship of fractions to the real world. Prepare for higher level math classes with confidence gained from practice and state of the art memory techniques.		
MATH 082	MULTIPLICATION FACTS	00.5
<i>Prerequisite:</i> None		
Learn and memorize vital multiplication facts from 0-10 using a variety of strategies.		
MATH 090	CONTINUING STUDIES IN MATH	0.5-03.0
<i>Prerequisite:</i> None		
This developmental course is for assessment purposes. Developmental students may register for this course without taking Accuplacer.		
MATH 091	BASIC MATHEMATICS	03.0
<i>Prerequisite:</i> Accuplacer required.		
A course covering the fundamental operations on whole numbers, fractions, mixed numbers and decimals; ratios; percentages; electronic calculators and consumer topics. The course is intended to provide a thorough review of basic skills needed in future mathematics courses and in applied fields.		
MATH 093	PREALGEBRA	03.0
<i>Prerequisite:</i> MATH 091 or equivalent or qualifying Accuplacer , ACT/SAT test results.		
A course in prealgebra including a review of basic math skills such as signed numbers, fractions, mixed numbers, decimals and percents. Skills in problem solving using equations will be emphasized along with graphing linear equations and simple polynomials. Problems using ratio, proportion, measurement and geometry will also be included.		
MATH 095	ELEMENTARY ALGEBRA	03.0
<i>Prerequisite:</i> MATH 093 or equivalent or qualifying Accuplacer , ACT/SAT test results. A TI83 graphing calculator is required for this course.		
A first course in algebra. Topics covered include the fundamental operations on real numbers, first degree equations, inequalities in one variable, polynomials, integer exponents, solving quadratic equations by factoring.		
MATH 096	INTERMEDIATE ALGEBRA	03.0
<i>Prerequisite:</i> MATH 095 or equivalent or qualifying Accuplacer , ACT/SAT test results. A TI83 graphing calculator is required for this course.		
A second course in algebra. Topics covered include: graphing linear equations, solving systems of linear equations in two variables and linear inequalities, solving quadratic, rational and radical equations, factoring, simplifying rational and radical expressions and complex numbers, determining the equations of lines and solving application problems.		
MATH 100B	MATH FOR ALLIED HEALTH PROGRAMS	03.0
<i>Prerequisite:</i> None		
A review of basic mathematics with emphasis on those mathematical skills needed for the dental assisting program. This course will include a review of arithmetic, material on the metric system, apothecary system, dosages and solutions.		
MATH 105B	MATH FOR RADIOLOGIC TECHNICIANS	03.0
<i>Prerequisite:</i> None		
A programmed course including the following topics relevant to the study of radiologic technology; review of arithmetic, algebra, geometry and graphical representation.		
MATH 106B	GEOMETRY	03.0
<i>Prerequisite:</i> MATH 095 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
This course is designed to provide a basic working knowledge of practical geometry for students who have never taken a course in geometry or who need a refresher course. Theory is not emphasized. Some of the topics covered are: area of plane figures, similarity, volume of solids, angle measure, and properties of special triangles.		

MATHEMATICS

MATH 107B	REAL ESTATE MATH	03.0
<i>Prerequisite:</i> None		
Review of basic arithmetic principles. A general mathematics course designed to assist the student who wishes to pass the state exam and the student who wants to be more proficient and knowledgeable in the real estate profession. Decimals, percentages, fractions, prorations, tax rate, interest, discount and depreciation are included.		
MATH 108B	MATH FOR TECHNICIANS	03.0
<i>Prerequisite:</i> MATH 093 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
This applied mathematics course is designed to give the student math skills and knowledge as they are applied to specific career choice areas. Topics for all individual applied areas (transportation, metalworking, construction, etc.) will include (supply description of the level of trig, algebra, etc. to be covered) but the focus of the presentation and utilization will be specific to the industry area. The course will include demonstrations and hands-on exercises applying mathematics as it will be needed in the specific technical environment.		
MATH 120	FUNDAMENTAL OF COLLEGE MATHEMATICS	03.0
<i>Prerequisite:</i> MATH 096 or equivalent or qualifying Accuplacer, ACT/SAT test results. A TI-83 or better graphing calculator is required for this course.		
Mathematical concepts particularly relevant to informed and aware citizenship in modern society. Topics covered include functions, graphs, problem solving, topics in finance, geometry, probability and statistics. Satisfies UNR core curriculum.		
MATH 122	ELEMENTARY SCHOOL MATHEMATICS I	03.0
<i>Prerequisite:</i> MATH 120 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Mathematics needed by those teaching new-content mathematics courses at the elementary school level with emphasis on the structure of the real number system and its subsystems. Designed for students seeking a teaching certificate in elementary education. Open to others with approval of department chair.		
MATH 123	ELEMENTARY SCHOOL MATHEMATICS II	03.0
<i>Prerequisite:</i> MATH 122 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
A continuation of MATH 122. Topics covered may include geometry, algebra, probability, statistics and computers.		
MATH 126	PRE-CALCULUS I	03.0
<i>Prerequisite:</i> MATH 096 or equivalent or qualifying Accuplacer , ACT/SAT test results. A TI83 graphing calculator is required for this course.		
The study of equations and inequalities involving radical, rational, quadratic or absolute value terms. Also includes polynomial, rational, exponential and logarithmic functions, their graphs and applications.		
MATH 127	PRE-CALCULUS II	03.0
<i>Prerequisite:</i> MATH 126 or equivalent or qualifying Accuplacer , ACT/SAT test results. A TI83 graphing calculator is required for this course.		
Continuation of Math 126. Includes the study of circular functions, their graphs and applications; analytic trigonometry; the coordinate geometry of lines and conics; solving systems of equations; matrices; mathematical induction. The combination of Math 126 and Math 127 is equivalent to UNR's Math 128.		
MATH 152	INTRODUCTION TO STATISTICS	03.0
<i>Prerequisite:</i> MATH 126 or equivalent or qualifying Accuplacer , ACT/SAT test results. A TI83 graphing calculator is required for this course.		
Descriptive statistics; probability models; statistical estimation and hypothesis testing; linear regression analysis; and special topics.		
MATH 176	ELEMENTS OF CALCULUS	03.0
<i>Prerequisite:</i> MATH 126 or equivalent or qualifying Accuplacer, ACT/SAT test results. A TI83 graphing calculator is required for this course.		
Topics covered include graphing functions, derivatives, integrals, applications, the Fundamental Theorem of Calculus. This course is designed for business, social science or biological science majors. Satisfies UNR math core curriculum.		
MATH 181	CALCULUS I	04.0
<i>Prerequisite:</i> MATH 126 and 127 or equivalent or qualifying Accuplacer, ACT/SAT test results. A TI83 graphing calculator is required for this course.		
Topics covered include functions, the derivative, differentiation of functions, applications of the derivative, understanding the definite integral, finding integrals and applications of integrals. Throughout the course topics will be viewed geometrically, numerically and algebraically. This course is oriented toward students of mathematics, physical science and engineering. Satisfies UNR math core curriculum.		
MATH 182	CALCULUS II	04.0
<i>Prerequisite:</i> MATH 181 or equivalent. A TI83 graphing calculator is required for this course.		
A continuation of MATH 181. Topics covered include a continuation of the definite integral, finding integrals and applications of integrals, differential equations and approximations of functions with simpler functions. Throughout the course topics will be viewed geometrically, numerically and algebraically. This course is oriented toward students of mathematics, physical science and engineering.		
MATH 190B	MATHEMATICS FOR ELECTRONICS APPLICATIONS	03.0
<i>Prerequisite:</i> Recommended: MATH 095 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Because of the differing mathematical backgrounds of students enrolling in this course, the material is individualized with respect to content and rate of progress. Mastery of the material is obtained by the solution of math problems which arise in the study of electronics. Topics covered include powers of 10, an algebra review, graphs, exponents and radicals.		

MATHEMATICS

MATH 283	CALCULUS III	04.0
<i>Prerequisite:</i> Math 182 or equivalent. A TI-83 or better graphing calculator is required for this course. Instructor support for TI calculator only.		
A continuation of Math 182. Topics covered include vectors, differentiating and integrating functions of many variables, optimization, parametric curves and surfaces, line integrals, flux integrals and vector fields. Throughout the course topics will be viewed geometrically, numerically and algebraically. This course is oriented toward students of mathematics, physical science and engineering.		
MATH 285	DIFFERENTIAL EQUATIONS	03.0
<i>Prerequisite:</i> MATH 182 or equivalent.		
Theory and solving techniques for constant and variable coefficient linear equations and a variety of non-linear equations. Emphasis on those differential equations arising from real world phenomena.		

MECHANICAL ENGINEERING

ME 241	STATICS	03.0
<i>Prerequisite:</i> PHYS 180. Corequisite: MATH 182.		
Static force systems. Topics include resolution and composition of forces, equilibrium of force systems, friction, centroids, moments of inertia, cables, beams, fluid statics, work.		

MEDICAL RECORDS TECHNOLOGY

MRT 201B	ICD-9/CPT CODING	03.0
<i>Prerequisite:</i> NURS 140, BIOL 200 (formerly BIOL 123B) or permission of instructor.		
History of the development of international classification systems and nomenclatures from 1898 to present day. The course content includes study of Systematized Nomenclature of Diseases, Systematized Nomenclature of Medicine (SNOMED), International Classification of Disease, ICD9-CM and Severity of Illness Measure, Oncology, (ICD-O) Diagnostic and Statistical Manual for Mental Disorders (DSM III) Nursing Diagnosis, Ambulatory Care (CPT 4, ICHPPC) and Inpatient Case-mix (DRGs and RUGs). Study and in-depth practice in assigning ICD 9CM codes to diseases, operations and procedures.		

MENTAL HEALTH

MHDD 101	ROLE OF THE TECHNICIAN	01.0
<i>Prerequisite:</i> None		
Basic skills in behavioral observation, documentation and approaches to intervention as a treatment team member. Other topics include guardianship, rights, confidentiality, abuse and neglect, and program implementation.		
MHDD 102	MEDICAL COMPONENT	01.0
<i>Prerequisite:</i> None		
This course covers basic medical information including infection control, safety procedures, confidentiality, awareness of normal bodily functions, personal care and recognition of signs and symptoms that need to be reported to medical staff.		
MHDD 105	CONFLICT PREVENTION AND RESPONSE TRAINING	02.0
<i>Prerequisite:</i> None		
This course focuses on the application of prevention and response techniques to support personas in crisis or conflict with others. These applications are for use by service providers as approved by the State of Nevada, Division of Mental Health and Development Services.		
MHDD 106	TEACHING AND ACTIVE TREATMENT	01.0
<i>Prerequisite:</i> None		
Defining "active treatment" and its necessary components. Implementing active treatment in a service context of dignity, respect, privacy, access to choices and participation in the therapeutic process with the use of effective teaching methods.		
MHDD 107	MEDICATION FUNDAMENTALS	02.0
<i>Prerequisite:</i> None		
Study of major categories of psychotropic and seizure medications, rationale for use of medication, typical dosages, main effects, assessment of effectiveness and potential side effects.		
MHDD 109	INTRODUCTION TO THERAPEUTIC INTERVENTIONS	02.0
<i>Prerequisite:</i> None		
Basic approaches to behavioral intervention including defining behavior, data collection, principles and applications of behavior change techniques and implementation of behavioral programs.		
MHDD 126	UNDERSTANDING DEVELOPMENTAL DISABILITIES	02.0
<i>Prerequisite:</i> None		
Definition, history, diagnosis and causes of developmental disabilities. Development and delivery of effective direct support services to persons with developmental disabilities.		
MHDD 150	ISSUES IN SUBSTANCE ABUSE	01.0
<i>Prerequisite:</i> None		
Overview of substance abuse issues and study of basic treatment approaches. Includes biological and lifestyle factors as well as legal issues.		

MENTAL HEALTH

MHDD 153	LIFE SPAN DEVELOPMENT	01.0
<i>Prerequisite:</i> None		
Growth and development through the life span. Includes social learning theory, family dynamics and human relations and development as relating to mentally ill and developmentally disabled clients.		
MHDD 154	ADVANCED THERAPEUTIC INTERVENTIONS	02.0
<i>Prerequisite:</i> MHDD 109.		
A comprehensive working knowledge of interdisciplinary therapeutic intervention including assessing, planning, implementing and evaluating a client's treatment program.		
MHDD 160	ETIOLOGIES, THEORY AND TREATMENT OF MENTAL ILLNESS	02.0
<i>Prerequisite:</i> None		
An in-depth analysis of major diagnostic categories encountered with the seriously mentally ill. Review of treatment plans which have proven useful in addressing these disorders.		
MHDD 295	PRACTICUM IN MH/DD	03.0
<i>Prerequisite:</i> None		
A career-related work experience, under qualified supervision. Work directly with mentally ill or developmentally disabled clients within a local service-provider agency. Preparation for occupation as MHT/MRT.		
MHMR 101B	ROLE OF TECH IN MH/MR	01.0
<i>Prerequisite:</i> None		
This course offered in conjunction with the State Division of Mental Hygiene and Mental Retardation, is an overview for those interested in pursuing a career as a mental health technician. Content includes basic issues in treatment, behavior observation techniques, confidentiality, client rights, case management, and the development of client-staff relationships.		
MHMR 103B	PSYCHOPATHOLOGY AND DEVEL DISABILITIES	01.0
<i>Prerequisite:</i> None		
An introduction to issues in mental illness and mental retardation. It is designed to give the student basic knowledge of conditions encountered when working directly with individuals who have mental retardation. Content includes use of DSM-III R, differential diagnosis, and treatment for individuals with dual diagnosis.		
MHMR 110B	THE TEACHING ROLE AND ACTIVE TREATMENT	01.0
<i>Prerequisite:</i> None		
This course will define the role of teaching techniques within the framework of active treatment for both persons with developmental disabilities and mental illness. The concept of active treatment is defined, along with the client's participation in the therapeutic process. Teaching techniques are presented within the context of issues such as client need, dignity, access to choices, and overall effectiveness of teaching techniques.		
MHMR 198B	SPECIAL TOPICS IN MH/MR	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
MHMR 203B	ALLIED THERAPIES AND PSYCHOPHARMACOLOGY	01.0
<i>Prerequisite:</i> None		
An understanding of the role of the recreational therapist, the occupational therapist, the physical therapist, and other team members in the mental health/mental retardation setting.		
MHMR 204B	HUMAN GROWTH/DEVELOPMENT	01.0
<i>Prerequisite:</i> None		
An introduction to normal human growth and development, through the lifespan. Content includes the areas of human sexuality and cognitive and physical growth and development.		
MHMR 205B	ASSAULTIVE BEHAVIOR INTERVENTION	01.0
<i>Prerequisite:</i> None		
This course, offered in conjunction with the State Division of Mental Health and Mental Retardation, covers training in managing client assaultive behaviors; verbal and physical interventions, causes of aggression, abuse and other legal issues, client rights and agency policies, and uses of manual and mechanical restraint. The following student physical abilities and characteristics are needed to complete the course: Bending/twisting at the neck more than the average person. Squatting/stooping/kneeling. Reaching forward and above the head. Possessing the manual/finger dexterity and handgrip strength necessary to grasp and hold another person's arms, hands and legs. Pushing and pulling over 90 pounds (such as a person.) Seeing objects/persons. Hearing conversation. Ability to hear from what direction a sound is coming. Ability to communicate through speech.		

METALS

MTL 245B	ADVANCED WELDING TECHNIQUES	03.0-09.0
<i>Prerequisite:</i> MTL 100B or instructor's approval.		
This course is for the student who would like to develop advanced skills in any of the welding processes or wishes to work on welder certification.		

MILITARY OCCUPATIONS

MIL 101	INTRODUCTION TO MILITARY SCIENCE	02.0
<i>Prerequisite:</i> None		
Mission of the armed services, role of the military, evolution of weapons and warfare. Introductory orienteering, marksmanship, physical fitness and briefing skills. Formerly MS 101.		
MIL 102	BASIC LEADERSHIP AND ORGANIZATION	02.0
<i>Prerequisite:</i> None		
Use of maps, photos and compasses; greater development of orienteering skills and marksmanship; army physical fitness testing and briefing the warning order. Field trip required. Formerly MO 102.		
MIL 201	MILITARY TOPOGRAPHY AND ORIENTEERING	02.0
<i>Prerequisite:</i> None		
Use of maps, photos and compasses; greater development of orienteering skills and marksmanship; army physical fitness testing and briefing the operations order. Field trip required. Formerly MO 201.		
MIL 202	SMALL UNIT LEADERSHIP TECHNIQUES	02.0
<i>Prerequisite:</i> None		
Principles of squad combat; decision making, control and command. Rifle qualification, physical fitness maintenance and briefing operations orders. Formerly MS 202 and MO 205.		

MUSIC

MUS 101	MUSIC FUNDAMENTALS	03.0
<i>Prerequisite:</i> None		
Notation, terminology, intervals, scales and chords. Designed to furnish a foundation for musicianship and music theory.		
MUS 105	VOCAL TECHNIQUES	02.0
<i>Prerequisite:</i> None		
Fundamentals of tone production, breath control, and practical techniques involved in reading and interpreting songs. May be repeated for a maximum of 4 credits.		
MUS 107	GUITAR CLASS I	02.0
<i>Prerequisite:</i> Students must possess guitar.		
This course is geared toward the beginning level guitarist. Topics will include chording, music reading, melody playing, right hand technique and style. Formerly MUS 104.		
MUS 108	GUITAR CLASS II	02.0
<i>Prerequisite:</i> Successful completion of Guitar I (MUS 107) or instructor approval.		
This course is geared toward the intermediate level guitarist. Emphasis is placed on improving individual performance on the guitar and will include playing chords and melodies, reading music and guitar technique.		
MUS 111	PIANO CLASS I	02.0-03.0
<i>Prerequisite:</i> None		
Beginning piano class. Music reading and keyboard techniques from beginning through early intermediate levels. No previous musical training required.		
MUS 112	PIANO CLASS II	02.0-03.0
<i>Prerequisite:</i> MUS 111.		
Continuation of beginning piano class. Music reading and keyboard techniques from early intermediate through intermediate levels.		
MUS 113	FUNDAMENTALS OF MUSIC COMPOSITION I	02.0
<i>Prerequisite:</i> MUS 203 or consent of instructor. Ability to read music and play at least one instrument is required.		
Techniques and principles of music composition. Each level may be repeated to a maximum of four credits.		
MUS 121	MUSIC APPRECIATION	03.0
<i>Prerequisite:</i> None		
Historical and cultural background of music. A general course in music appreciation open to all students. Representative works presented and analyzed. Satisfies the UNR Fine Arts core curriculum.		
MUS 122	SURVEY OF JAZZ	03.0
<i>Prerequisite:</i> None		
Survey of Jazz is an introduction to the historical evolution of jazz music from its roots in the blues and ragtime to contemporary eclecticism. There will be extensive listening and discussion in class as well as assigned listening and reading. This class satisfies UNR Fine Arts Core Curriculum.		
MUS 125	HISTORY OF ROCK MUSIC	03.0
<i>Prerequisite:</i> None		
Survey of Rock music from its origins in Blues through Contemporary Rock styles. Examples of various styles will be analyzed.		
MUS 129B	BIG BANDS, AMERICA IN THE SWING ERA	03.0
<i>Prerequisite:</i> None		
Survey of Big Band Jazz, it's styles, performers and culture from 1934-1945.		

MUSIC

MUS 131	INTRODUCTION TO MUSIC LITERATURE	03.0
<i>Prerequisite:</i> None		
The purpose of MUS 131 is to introduce the student to deep aspects of musical experience and musical history in a formal manner through listening, score reading and study, and lectures.		
MUS 166	INTRODUCTION TO MIDI SEQUENCERS AND SYNTHESIZERS	02.0
<i>Prerequisite:</i> None		
This course is geared toward the beginning and intermediate level electronic musician. The course is an introduction to digital music synthesis, sampling and sequencing. Keyboard experience is useful but not required.		
MUS 198B	SPECIAL TOPICS IN MUSIC	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
MUS 203	MUSIC THEORY I	03.0
<i>Prerequisite:</i> Placement examination.		
The study of basic materials of music including rhythm, pitch, and harmony. This class includes aural, sight-singing, and basic keyboard recognition components. Knowledge of music fundamentals is necessary for entrance into this class. Formerly MUS 207.		
MUS 204	MUSIC THEORY II	03.0
<i>Prerequisite:</i> Successful completion of MUS 203.		
A continuation of MUS 203. Beginning harmony and review of exotic scales and modes. Principles of voice leading between triads and seventh chords, chord progressions, and the analysis of common practice music. Formerly MUS 208.		
MUS 207	THEORY III	03.0
<i>Prerequisite:</i> Successful completion of MUS 204.		
A more in-depth study of the counterpoint and traditional harmonic practices of the eighteenth and nineteenth centuries through writing, analysis, and aural perception. Formerly MUS 271.		
MUS 208	THEORY IV	03.0
<i>Prerequisite:</i> Successful completion of MUS 207R.		
A study of late nineteenth-century harmonic practices and twentieth-century idioms through writing, analysis, and aural perception. Formerly MUS 272.		
MUS 211	SIGHT-SINGING AND DICTATION I	01.0
<i>Prerequisite:</i> MUS 101 or instructor approval.		
This course will teach the techniques of sight-singing, ear training and music dictation. This will include learning solfege, rhythmic-reading, melodic and harmonic dictation.		
MUS 212	SIGHT-SINGING AND DICTATION II	01.0
<i>Prerequisite:</i> MUS 211.		
This course will teach the techniques of sight-singing, ear training and music dictation. This will include utilizing solfege, complex rhythm-reading, melodic and harmonic dictation.		
MUS 213	FUNDAMENTALS OF MUSIC COMPOSITION II	02.0
<i>Prerequisite:</i> MUS 113 and the ability to read music and play at least one instrument.		
Techniques and principles of music composition. Each level may be repeated to a maximum of four credits.		
MUS 225	INTRODUCTION TO MUSIC HISTORY I	03.0
<i>Prerequisite:</i> None		
Chronological study of the composers and their work from the beginning through the Baroque period. Satisfies the UNR Fine Arts core curriculum. Formerly MUS 123.		
MUS 226	INTRODUCTION TO MUSIC HISTORY II	03.0
<i>Prerequisite:</i> None		
Chronological study of the composers and their work from the classical through romantic periods. Satisfies the UNR Fine Arts core curriculum. Formerly MUS 124.		
MUS 235	FINALE: AN INTRODUCTION	01.0
<i>Prerequisite:</i> MUS 101 or instructor approval.		
Introduction to computerized methods of music notation. Students use Finale to produce parts and scores according to professional standards in all fields of music. May be repeated to a maximum of two credits.		
MUS 290B	INTERNSHIP IN MUSIC	01.0-08.0
<i>Prerequisite:</i> None		
A course wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.		

MUSIC

MUSA 101	BASS-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in bass. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 159.		
MUSA 103	BASSOON-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in bassoon. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 157.		
MUSA 105	CELLO-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in cello. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 159.		
MUSA 107	CLARINET-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in clarinet. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 157.		
MUSA 109	DRUM SET-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in drum set. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 161.		
MUSA 113	FLUTE-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in flute. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 157.		
MUSA 115	GUITAR-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in guitar. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 165.		
MUSA 121	HORN-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in horn. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 155.		
MUSA 123	OBOE-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in oboe. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 157.		
MUSA 127	PERCUSSION-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in percussion. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 161.		
MUSA 129	PIANO-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in piano. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 151.		
MUSA 131	SAXOPHONE-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in saxophone. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 157.		
MUSA 135	TROMBONE-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Change description to read: Private instruction in trombone. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits.		
MUSA 137	TRUMPET-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in trumpet. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 155.		
MUSA 139	TUBA-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in tuba. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 155.		

MUSIC

MUSA 141	VIOLA-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in viola. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 159.		
MUSA 143	VIOLIN-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in violin. Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 159.		
MUSA 145	VOICE-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in voice (classical). Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 153.		
MUSA 147	VOICE FOR THTR MAJ-LOWER DIVISION	01.0-02.0
<i>Prerequisite:</i> None		
Private instruction in voice (music theater). Students will participate in seven hours of instruction per credit per semester. Maximum of eight lower-division credits. Formerly MUS 153.		
MUSE 101	CONCERT CHOIR	01.0
<i>Prerequisite:</i> None		
Choral presentations of various periods. Formerly MUS 112. Repeatable up to 6 credits.		
MUSE 111	CONCERT BAND	01.0
<i>Prerequisite:</i> None		
Concert Band is a performance ensemble made up of woodwind, brass and percussion players. The Concert Band will study, rehearse and perform music of several styles and historical periods. Students should have the equivalent of high school level experience in a concert band program. Formerly MUS 117. Repeatable up to 6 credits.		
MUSE 123	ORCHESTRA	01.0
<i>Prerequisite:</i> None		
The TMCC Orchestra is a musical performance ensemble consisting of orchestral string, woodwind, brass and percussion performers. The orchestra will rehearse and perform music of several historical periods and styles. Musical experience equivalent to high school orchestra is required for admission. Formerly MUS 119. Repeatable up to 6 credits.		
MUSE 131	JAZZ ENSEMBLE	01.0
<i>Prerequisite:</i> None		
Performing ensemble specializing in traditional and contemporary big band jazz literature. Experience equivalent to high school jazz ensemble is expected. Formerly MUS 175. Repeatable up to 6 credits.		
MUSE 135	JAZZ VOCAL ENSEMBLE	01.0
<i>Prerequisite:</i> Admission by audition only.		
Intensive study of jazz singing and playing, including differing styles, improvisation, interpretation, vocal, technique, and ensemble/solo singing with microphones. Required performances each semester.		

NURSING

NURS 130B	NURSING ASSISTANT	03.0-06.0
<i>Prerequisite:</i> Proof of negative two-step TB skin test or negative chest x-ray, current healthcare provider CPR card and proof of two MMR vaccinations (measles, mumps, rubella) if born after 1956.		
The nursing assistant course is an occupational preparatory program offered by the Health Sciences Department. The student completing the nursing assistant course will be prepared to assist the professional nurse in direct client care, undertaking those tasks which are supportive to the care of the stable client. This course meets the Nevada State Board of Nursing requirements to prepare nursing assistants to be eligible to take the written and manual skills nursing assistant exams. Enrollment is open to the general community.		
NURS 131	FUNDAMENTALS OF NURSING CARE	02.0
<i>Prerequisite:</i> Acceptance to the Nursing Program.		
In this introductory course, the student will develop a foundation of basic concepts, skills and techniques of nursing practice. This foundation will assist the student to address the physiological, psychological, sociocultural, developmental and spiritual variables related to client care. The five step nursing process will be the framework utilized in preparing the beginning nursing student to apply the skills and knowledge necessary in identifying client reactions/adaptations to stressors and in assisting clients to maintain optimum level of wellness. Four hours lecture weekly for 7-1/2 weeks.		
NURS 132	INTRODUCTION TO NURSING	02.0
<i>Prerequisite:</i> Acceptance to the Nursing Program.		
This course introduces students to the nursing profession, the role of the associate degree nurse, general nursing theories and specifically Betty Neuman's Systems Model. Content includes the nursing process used in client care, individuals' needs, variables and stressors, communication skills and physical assessment skills. These concepts are essential to the care of all clients and provide the foundation for all future nursing. Three hours lecture weekly for 10 weeks.		

NURSING

NURS 140	MEDICAL TERMINOLOGY	03.0
<i>Prerequisite:</i> None		
The development of a basic medical vocabulary used to describe the body's anatomical systems with emphasis on the definition, use, spelling and pronunciation of terms. Attention will be focused on disease, normal body structure and function and pharmacology terminology.		
NURS 142	FUNDAMENTALS OF PHARMACOLOGY	02.0
<i>Prerequisite:</i> BIOL 223 and 224.		
Taught outside of nursing program both Fall and Spring. This course provides an introduction to the study of pharmacology as needed by nurses. Various groups of drugs will be studied in relationship to their actions upon various body systems and in relationship to the clients' physiological, psychological, sociocultural, developmental and spiritual variables.		
NURS 144	PEDIATRIC NURSING CARE	02.0
<i>Prerequisite:</i> NURS 131, 132, 160, 161, 191 and HDFS 201.		
This course will assist the student to develop a knowledge of nursing care of children from infancy through adolescence. This course focuses on the physiological, psychological, sociocultural, developmental and spiritual variables as they relate to alterations in the child's level of wellness due to interpersonal, intrapersonal and extrapersonal stressors.		
NURS 145	MATERNITY NURSING CARE	02.0
<i>Prerequisite:</i> NURS 131, 132, 160, 161, 191 and HDFS 201.		
This course will develop knowledge of nursing care during the period of childbearing. Included will be the normal physiological process of pregnancy and childbirth, nursing interventions during the period and the family's adaptation to the stressors associated with childbirth. Emphasis will be placed on family structure which includes prevention of illness and promotion of health with individual and familial adaptation to changing health patterns. Attention will be focused on the various stressors impacting individuals during this childbearing period. Students will be expected to build upon their communication and interpersonal skills.		
NURS 146	PEDIATRIC NURSING CARE CLINICAL	02.0
<i>Prerequisite:</i> NURS 131, 132, 160, 161, 191 and HDFS 201.		
This clinical experience is concurrent with NURS 144. It provides the student the opportunity to apply knowledge and skills necessary to plan and implement nursing care for hospitalized children and adolescents. The student will be able to identify the child's and family's responses to stressors and develop a plan of care to foster the client's achievement toward an optimal level of wellness. Twelve hours clinical practice for 7-1/2 weeks.		
NURS 147	MATERNITY NURSING CARE CLINICAL	02.0
<i>Prerequisite:</i> NURS 131, 132, 160, 161, 191 and HDFS 201.		
This clinical laboratory experience will provide the student with a basic learning opportunity to apply the knowledge and skills necessary to plan and implement care for expectant mothers, fathers and their families and share in the wonder of the birthing process. Maternity clinical laboratory will be offered in local agencies. During this clinical rotation students will have supervised practice with clients in pregnancy clinic, labor/delivery, admit nursery, normal newborn nursery and post partum. Twelve hours clinical practice for 7-1/2 weeks.		
NURS 160	MEDICAL-SURGICAL NURSING CARE I	02.0
<i>Prerequisite:</i> NURS 131 and 191.		
Open to students accepted to the nursing program only. Medical-Surgical Nursing Care focuses on the physiological, psychological, sociocultural, developmental and spiritual variables as they relate to alterations in levels of wellness due to pathophysiological and psychological stressors. The content of this course includes an orientation to the medical-surgical client, diseases of the muscular-skeletal system and respiratory system and care of the client with diabetes. The client undergoing surgery, diagnostic tests, fluid and electrolytes, stress and pain are also included in this course. Four hours lecture for 7-1/2 weeks.		
NURS 161	MEDICAL-SURGICAL NURSING CARE I LAB	02.0
<i>Prerequisite:</i> NURS 131 and 191 and acceptance to the Nursing Program.		
Open to students accepted to the nursing program only. NURS 161 is a required clinical course to be taken concurrently with NURS 160. This beginning level course focuses on the integration of basic nursing process skills to identify the client's reaction or adaptation to stressors and to develop nursing interventions to foster the client's achievement and/or maintenance of an optimal level of wellness. Attention is given to the physiological, psychological, sociocultural, developmental and spiritual variables as they affect the client's lines of defense. Twelve hours clinical practice for 7-1/2 weeks.		
NURS 191	FUNDAMENTALS OF NURSING CARE LAB	01.0
<i>Prerequisite:</i> Acceptance to the Nursing Program.		
Open to students accepted to the nursing program only. An introductory course taken concurrently with NURS 131. The course provides an opportunity for the beginning nursing student to learn and practice basic skills and techniques. Theory content from NURS 131 forms the foundation for implementation of basic nursing skills. Qualified practicing LPN's may be exempt from this course. Twelve hours clinical practice for 7-1/2 weeks.		
NURS 193	NURSING CARE IN THE FAMILY CYCLE LAB	04.0
<i>Prerequisite:</i> None		
Lab experience coordinated with class content (12 hours per week - total 180 hours).		

NURSING

NURS 204	PALLIATIVE CARE NURSING	02.0
<i>Prerequisite:</i> Acceptance to the Nursing Program. First year students may enroll with instructor permission.		
The content of this course addresses the competencies necessary for nurses to provide high quality care during the transition at the end of life. Emphasis is based on the integration of the physiological, psychological, socio-cultural, developmental and spiritual variables together with communication and physical assessment skills. This course addresses all age groups across all care settings including clinics, home care, critical care units and nurseries. Formerly NURS 204B.		
NURS 209	PRINCIPLES OF PATHOPHYSIOLOGY	03.0
<i>Prerequisite:</i> Successful completion of first semester TMCC Nursing Program.		
This course is designed to offer students the opportunities to explore and apply the principles of Pathophysiology gained in this course to future nursing clinical courses, as well as, client care as a practicing Registered Nurse. The concepts of physiology and pathophysiology, dealing with disease caused by alteration of function will be the focus of the course. This theory course will utilize the body systems approach in the presentation of the principles of pathophysiology. Emphasis is placed on the integration of physiological and developmental variables as they relate to client scenarios with altered body systems. The content of this course builds upon the knowledge from previous science and nursing courses. This course is recommended by the TMCC Nursing Faculty. This course is limited to currently enrolled students in the nursing program.		
NURS 211	CULTURAL ASPECTS OF NURSING CARE	03.0
<i>Prerequisite:</i> None		
Nurse-client encounters involve the interaction of three cultural subsystems: the culture of the nurse, the culture of the client and the culture of the setting. This course explores the influences of culturally diverse backgrounds within the health care system of the United States. The weaving of gender, age, race, ethnic and religious diversities of the nurse and client will be emphasized. This course fulfills the diversity requirement at TMCC.		
NURS 235	PSYCHIATRIC NURSING CARE	02.0
<i>Prerequisite:</i> All first year nursing courses, NUTR 223 and HDFS 201.		
Open to students accepted to the nursing program only. This course is designed to further enhance the preparation of the student in giving care as a member of the health team. Content focuses on the client, with the physiological, psychological, sociocultural, developmental and spiritual variables which provide a line of defense and on the stressors which impact that defense and disturb the clients' stability. The client, is, therefore, in a dynamic state of wellness or illness, and nursing involves interventions to assist the client to achieve a state of wellness. Since the student is seen as possessing a unique system as does the client, the course will also assist the student to develop greater awareness of self and his/her own patterns of behavior and to develop ability in the use of self as a therapeutic tool. Causes, treatment and prevention of mental illness will be considered and community resources for aiding mental health and treating mental illness will be identified.		
NURS 240B	RN REFRESHER-THEORY	02.0
<i>Prerequisite:</i> None		
The RN Refresher Course is designed to assist inactive professional nurses to update their knowledge and skills in order to renew their licenses and return to active nursing practice. This theory portion is a Web based program that includes twelve self-paced modules. Students who successfully complete this course can then take NURS 242B which includes 135 hours of clinical practice with an RN preceptor.		
NURS 242B	RN REFRESHER - CLINICAL	03.0
<i>Prerequisite:</i> NURS 240 and current Nevada RN license.		
This RN Refresher Course is designed to assist inactive professional nurses to update their knowledge and skills in order to renew their nursing licenses and return to active nursing practice. NURS 240 must be taken prior to this course. This program includes 135 hours of clinical with an RN preceptor. This is a Pass/Withdraw class. Students must have a temporary nursing license from the Nevada State Board of Nursing and have taken NURS 240 (RN Refresher Course-Theory).		
NURS 251	MEDICAL-SURGICAL NURSING CARE II	02.0
<i>Prerequisite:</i> All first year nursing courses plus required support courses to date. Open to accepted nursing students only.		
Open to accepted nursing students only. This course is taken concurrently with NURS 293. A continuation of the study of major medical and surgical conditions affecting the individual throughout the adult life cycle. Focus is on the application and testing of concepts relevant to the care of clients who have encountered stressors with stable, reconstituted and/or impaired lines of defense. Emphasis is placed on integration of physiological, psychological, sociocultural, developmental and spiritual variables together with further development of communication and physical assessment skills. The content of this course builds upon the knowledge from previous nursing courses and includes the following: acid-base balance, hematological, renal and urinary, male reproductive, vascular and gastrointestinal disorders.		
NURS 255	MEDICAL-SURGICAL NURSING CARE III	03.0
<i>Prerequisite:</i> All first year nursing courses, NURS 235, 251, 293 and 295 plus required support courses to date.		
Open to accepted nursing students only. This course is taken concurrently with NURS 294. A continuation of the study of major medical-surgical, critical care and extended care conditions affecting the individual throughout the adult life cycle. Focus is on the application and testing of concepts relevant to the care of clients who have encountered stressors with stable, reconstituted, impaired lines of defense and/or progressive degeneration. Emphasis is placed on integration of physiological, psychological, sociocultural, developmental and spiritual variables together with refinement of communication and physical assessment skills. The content of this course builds upon the knowledge from previous nursing courses and includes the following content: cardiovascular, neurological, integumentary, metabolic, endocrine, immunology, critical care respiratory, oncology and emergency nursing.		

NURSING

NURS 259	NURSING TODAY	01.0
<i>Prerequisite:</i> All first year nursing courses plus required support course to date. Open to accepted nursing students only.		
This course is planned to help the students understand their future role as graduate nurses and to become aware of the career opportunities and education needs of the graduate. Legal and ethical aspects will be discussed and the present and future trends in nursing service and nursing education.		
NURS 285B	SELECTED TOPICS IN HEALTH SCIENCE	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. This course will be variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
NURS 293	MEDICAL-SURGICAL NURSING CARE II LAB	02.0
<i>Prerequisite:</i> All first year nursing courses plus required support courses to date. Open to accepted nursing students only.		
This course is taken concurrently with NURS 251 and builds upon the knowledge and skills gained in NURS 142, 160 and 161. The focus of this course is the integration of nursing process skills during the care of the client with stable, reconstituted and/or impaired lines of defense. The student will also examine the physiological, psychological, developmental, sociocultural and spiritual variables affecting the client's reaction to impaired lines of defense. Twelve hours clinical practice for 7-1/2 weeks.		
NURS 294	MEDICAL SURGICAL NURSING CARE III LAB	03.0
<i>Prerequisite:</i> All first year nursing courses, NURS 235, 251, 293, 295 and all support courses to date and acceptance into the nursing program.		
A continuation of the clinical study of major medical-surgical, critical care and extended care conditions affecting the individual throughout the adult life cycle. The content of this course continues to build upon the knowledge from previous nursing courses. Emphasis is placed on the application of concepts relevant to the care of clients who have encountered stressors with stable, reconstituted, impaired lines of defense and/or progressive degeneration. Nursing care of clients will involve the integration of physiological, psychological, sociocultural, developmental and spiritual variables together with refinement of communication and physical assessment skills. Opportunity will be provided for nursing students to assist registered nurses in caring for clients in the critical care, medical-surgical or extended care settings. Twelve hours clinical practice for 11 weeks.		
NURS 295	PSYCHIATRIC NURSING CARE LAB	02.0
<i>Prerequisite:</i> All first year nursing courses, NUTR 223 and HDFS 201 and acceptance into the nursing program.		
Open to accepted nursing students only. Lab experience coordinated with course content from NURS 235. Twelve hours clinical practice for 7-1/2 weeks.		
NURS 297	CLINICAL PRACTICUM	01.0-03.0
<i>Prerequisite:</i> Completion of NURS 255 and 294.		
Allows students to utilize the nursing process to develop and practice clinical nursing skills, priority statement, time management and conflict resolution. Facilitates the transition from student to graduate nurse. The RN role will be explored in relation to expectations of the employer and the consumer. 90 hours clinical practice for four weeks.		

NUTRITION

NUTR 100B	INTRODUCTION TO DIETETIC TECHNICIAN PROGRAM	00.5
<i>Prerequisite:</i> None		
This course is designed for those students who have an interest in becoming a Dietetic Technician Registered (DTR). It is an introductory directed study course designed to give the student a greater knowledge of what a DTR does and what career opportunities are open in the field. The goal of this course is to help the student in making an appropriate career choice.		
NUTR 106	UNDERSTANDING CULINARY TECHNIQUES I	04.0
<i>Prerequisite:</i> None		
This course is for Nutrition Therapy Technician (Dietetic Technician, Registered) students only. Course teaches introductory hot food cookery with emphasis on product utilization, cost effectiveness, timing and presentation. Students practice traditional and modern cooking techniques and good nutrition. Much hands-on practice utilizing moist and dry heat cooking methods. They prepare sauces, soups, starches, vegetables and center of the plate entrees. Chef instructors make frequent demonstrations to reinforce and amplify recipes and lectures. All students enrolling in this course must take both the English and Math assessment tests before enrolling.		
NUTR 121	HUMAN NUTRITION	03.0
<i>Prerequisite:</i> None		
An introductory nutrition course for the beginning student. The course content will center on the major nutrients and their roles in maintaining good health. Students will also learn to recognize well-balanced diets and acquire helpful shopping tips and preparation techniques for optimum utilization of food dollars. Class meets for four lab experiences. Satisfies UNR core science Group B requirements. Formerly HEC 121.		
NUTR 220	FOOD SERVICE SYSTEMS MANAGEMENT	03.0
<i>Prerequisite:</i> None		
Organization and operation of food service; management principles; food service personnel; labor laws; regulatory agencies; food cost control and record keeping.		

NUTRITION

NUTR 221	QUANTITY FOOD PURCHASING	03.0
<i>Prerequisite:</i> None		
Food purchasing for food service systems, understanding cost factors, food laws, quality standards and basic manufacturing processes.		
NUTR 223	PRINCIPLES OF NUTRITION	03.0
<i>Prerequisite:</i> BIOL 190 and 190L or BIOL 141B or permission of instructor.		
A course designed for the student in the field of allied health and for students majoring in Dietetic Technology. Emphasis on the functions of the major nutrients and their role in maintaining good health, beginning at the cellular level and extending to include interactional properties of nutrients and diets. Formerly HEC 223.		
NUTR 233	COMMUNITY AND LIFECYCLE NUTRITION	03.0
<i>Prerequisite:</i> NUTR 223.		
This course is designed for students majoring in the Dietetic Technician Program. Application of nutritional principles and practices in health care, public health and community nutrition services including community resources and governmental regulation. Lifecycle nutrition will be studied as it pertains to the general nutritional needs and problems associated with pregnancy, lactation, infancy, childhood, adolescence and the aging population.		
NUTR 243	MEDICAL NUTRITION THERAPY FOR DIETETIC TECHS I	03.0
<i>Prerequisite:</i> NUTR 223.		
A course designed for students in the Dietetic Technician Program or other allied health fields. Nutritional care of individuals, applications of nutrition in the clinical setting and specific disease states and nutrition related care for the patient will be studied. This is one part of a two-part course series.		
NUTR 244	MEDICAL NUTRITION THERAPY FOR DIETETIC TECHS II	03.0
<i>Prerequisite:</i> NUTR 243.		
A course designed for students in the Dietetic Technician Program or other allied health field. Nutritional care of individuals, applications of nutrition in the clinical setting and specific disease states and nutrition related care for the patient/client will be studied. This is part of a two-part course series.		
NUTR 253	CULTURAL CONSIDERATIONS IN NUTR AND HEALTH CARE	03.0
<i>Prerequisite:</i> None		
Four major non-western cultures are examined regarding cultural norms in the following areas. Cultural attitudes, beliefs and behaviors associated with access to biomedical health care and to traditional health practices (Complementary and Alternative medicine) among different cultural groups. Cultural attitudes, beliefs and behaviors regarding food consumption as it varies across cultural groups. Theoretical and practical approaches to cross cultural communication methods and the meaning of various communication models among groups. Satisfies TMCC Diversity requirement.		
NUTR 291B	NUTRITION INTERNSHIP-FOOD SERVICE	03.0
<i>Prerequisite:</i> Approval of Instructor.		
Supervised experience in a food service setting. Application of classroom theories to actual operations. Registration requires approval of the instructor. This course is designed for students majoring in the Dietetic Technician Program. The Practicum provides a total of 150 hours supervised experience in the area of Food Service Management. The student will interact and apply appropriate assistance and leadership based on the mission of the facility where placed.		
NUTR 292B	NUTRITION INTERNSHIP-COMMUNITY	03.0
<i>Prerequisite:</i> NUTR 223, 233 and approval of instructor.		
Supervised experience in a Community Nutrition setting. Application of classroom theories to actual situations.. Registration requires approval of the instructor. This course is designed for students majoring in the Dietetic Technician Program. The Practicum provides a total of 150 hours supervised experience in the area of Community Nutrition. The student will interact and apply appropriate nutrition assistance based on the age, health, cultural background and medical needs of the patients/clients. Experience sites may include: senior residence facilities, senior centers, WIC offices, or public feeding programs.		
NUTR 293B	NUTRITION INTERNSHIP-CLINICAL	03.0
<i>Prerequisite:</i> Approval of instructor.		
Supervised experience in a variety of health care and nutrition settings. Application of classroom theories to actual operations. Registration requires approval of the instructor. This course is designed for students majoring in the Dietetic Technician Program. The Practicum provides a total of 150 hours supervised experience in the area of Clinical Nutrition. The student will interact and apply appropriate nutrition assistance based on the age, health, cultural background and medical needs of the patients/clients. Experience sites may include hospitals or the practice of a Consulting Registered Dietitian.		
NUTR 298B	SPECIAL TOPICS IN NUTRITION	01.0-03.0
<i>Prerequisite:</i> None		
Covers selected topics of interest to students enrolled in the Dietetic Technician program or other Allied Health programs. May be repeated for up to six credits.		

PAINTING TRADES

PNTG 091	PAINTING TRADES FOUNDATION I	02.0
<i>Prerequisite:</i> None		
This course introduces students to basic skills required for residential and commercial painting in the construction industry.		

PHILOSOPHY

PHIL 101	INTRODUCTION TO PHILOSOPHY	03.0
<i>Prerequisite:</i> None		
Basic problems in different areas of philosophy such as ethics, political theory, metaphysics and epistemology. Transfers to UNR as a humanities course. Formerly PHIL 110.		
PHIL 102	CRITICAL THINKING AND REASONING	03.0
<i>Prerequisite:</i> None		
Non-symbolic introduction to logical thinking and everyday life, law, politics, science, advertising; common fallacies; the uses of language, including techniques of persuasion. Formerly PHIL 113.		
PHIL 114	INTRODUCTION TO SYMBOLIC LOGIC	03.0
<i>Prerequisite:</i> None		
Methods and principles of correct reasoning and argumentation with application to the various sciences.		
PHIL 119	INTRODUCTION TO THE OLD TESTAMENT	03.0
<i>Prerequisite:</i> None		
This course will teach students to appreciate, interpret and respond to the Old Testament as a secular, literary, narrative text. We will examine the different genres, literary forms, and historical contexts of a wide variety of biblical texts in the Old Testament. By applying the methods of modern literary criticism such as form, function and genre to the Old Testament, students will learn how to analyze and interpret this ancient text through modern eyes. Furthermore, they will learn how the Old Testament, as a complex narrative of human drama, functions as a continuing source for modern authors (such as Milton or Faulkner) and will find the introduction of the terms, concepts and purposes of literary theory and literary criticism applicable to other literature courses at TMCC or UNR.		
PHIL 135	INTRODUCTION TO ETHICS	03.0
<i>Prerequisite:</i> None		
This course introduces ethical theory in the context of case studies drawn from literature, films and the media. The course introduces students to classical and modern examples of ethical theory such as ethical relativism, egoism, utilitarianism, the categorical imperative and theories of moral development.		
PHIL 200	THE JUDEO-CHRISTIAN TRADITION	03.0
<i>Prerequisite:</i> None		
The major religious/philosophic beliefs found in the Old and New Testaments will be studied along with the way these concepts were modified in post-Biblical through modern times. Concepts that will be surveyed include: Biblical cosmology, the nature of deity, salvation, worship, the authority of scripture, the authority of the religious instruction, life after death, etc. Satisfies UNR CH 201.		
PHIL 201	PHILOSOPHY GOES TO THE MOVIES	03.0
<i>Prerequisite:</i> None		
This course introduces participants to philosophical problems dramatized through the medium of film. Participants will experience complex philosophical problems underlying many of the films produced for popular consumption or regarded as classic films. The films will function as case studies allowing analysis of ethical issues and aesthetic values. The films or film clips presented will follow background readings and discussion of the philosophical contexts important to understanding the issues involved.		
PHIL 203	INTRODUCTION TO EXISTENTIALISM	03.0
<i>Prerequisite:</i> None		
Readings from Kierkegaard, Nietzsche, Jaspers, Sartre, Heidegger. An examination of the existentialist concepts 'being' and 'nonbeing', 'estrangement', 'dread', 'anxiety' and 'freedom.'		
PHIL 204	INTRODUCTION TO CONTEMPORARY PHILOSOPHY	03.0
<i>Prerequisite:</i> None		
Introduces current philosophical thought from several areas of study, including postmodern philosophy, science, theology, art, psychology, and the social sciences. Introduces major movements of twentieth century thought: neo-Kantianism, dialectical materialism, phenomenology, existentialism, neo-positivism, and American pragmatism.		
PHIL 207	INTRODUCTION TO SOCIAL AND POLITICAL PHILOSOPHY	03.0
<i>Prerequisite:</i> None		
Major political philosophers, e.g. Plato, Aristotle, Macchiavelli, Hobbs, Rousseau, Mill, Marx, on topics such as justice, freedom, equality, tyranny, war, racism, sexism, power, consent and economics.		
PHIL 210	WORLD RELIGIONS	03.0
<i>Prerequisite:</i> None		
The main moral and religious views of world religions are discussed. Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism and Taoism. Satisfies TMCC Diversity requirement. Formerly PHIL 112.		
PHIL 224	INTRODUCTION TO THE PHILOSOPHY OF SCIENCE	03.0
<i>Prerequisite:</i> None		
Philosophical problems and implications of historical and contemporary scientific inquiry, e.g., the nature of laws, theories, explanations, scientific revolutions, values, relations of science and society.		

PHILOSOPHY

PHIL 225	INTRODUCTION TO INDIAN PHILOSOPHY	03.0
<i>Prerequisite:</i> None		
In this course students will survey the remarkable unfolding of Indian religion and philosophy from 500 B.C. to modern times. Readings include translations of original works or commentaries on Hinduism, Buddhism, Jainism, and Vedantism, as well as a historical survey that puts the readings in context. Students will explore consciousness, meditation, reincarnation and parallels between Eastern and Western thought. Formerly PHIL 296.		
PHIL 244	BIOETHICS	03.0
<i>Prerequisite:</i> None		
This course provides a balanced systematic, unbiased ethical framework designed to help students understand and analyze a wide range of issues currently controversial in medicine or that are likely to arise in the future. Treatment of such issues as abortion and euthanasia, cloning, genetic screening, just health care, patients' rights, the use of human and animal subjects in research.		
PHIL 295	TOPICAL ISSUES IN PHILOSOPHY	01.0-03.0
<i>Prerequisite:</i> None		
This course offering allows faculty response to community and student interest in ethical, aesthetic and cultural issues through learning activities focused on a specific topic not included in regular offerings. Examples of such topics include ethics and the media, environmental aesthetics, the culture and values of the sixties or other topics utilizing faculty expertise or specialized knowledge of an adjunct faculty. These course offerings will demonstrate the viability and relevance of a humanistic perspective on contemporary issues. The course may be repeated for up to 6 credits as topics vary.		

PHYSICAL EDUCATION

PEX 117	GOLF	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 160.		
PEX 117 A	GOLF, INTERMEDIATE	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 161.		
PEX 129	VOLLEYBALL	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 138.		
PEX 129 A	VOLLEYBALL, INTERMEDIATE/ADVANCED	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 139.		
PEX 143	KARATE	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 152.		
PEX 143 A	KARATE, INTERMEDIATE/ADVANCED	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 153.		
PEX 155	FENCING	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 149.		
PEX 155 A	FENCING, INTERMEDIATE/ADVANCED	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 151.		

PHYSICAL EDUCATION

PEX 169	YOGA	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 169.		
PEX 169 A	YOGA, INTERMEDIATE/ADVANCED	01.0-02.0
<i>Prerequisite:</i> PEX 169.		
This course is designed for students with previous yoga experience. Students will expand on basic knowledge incorporating more difficult yoga postures (asana) and introducing various breathing (pranayama) techniques. Postures include standing, inverted, back bend, forward bend and twists and all physical movements are adapted to various physical limitations.		
A maximum of three classes/1-6 credits from 100-199 may be taken during any one semester or summer session except for special programs listed in the class schedule. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. A student may enroll in the same class four times for credit.		
PEX 170	AEROBICS	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 174.		
PEX 172	BODY CONTOURING AND CONDITIONING	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 180.		
PEX 174	FITNESS PRINCIPLES AND PRACTICES	02.0-03.0
<i>Prerequisite:</i> None		
This course is designed for individuals pursuing a certificate in Personal Training and those with an interest in overall Health and Wellness. There will be an overview of the body systems and functions as related to physical activity. The course will cover components of health related fitness and principles of physical fitness. Other topics that will be discussed in relation to health and wellness are nutrition, weight management, stress management techniques and special populations.		
PEX 183	WEIGHT TRAINING	01.0
<i>Prerequisite:</i> None		
This course is designed for novice lifters who have limited knowledge of strength training principles and fundamentals. The object of this course is to increase knowledge about weight room safety, muscle groups, strength training routines, spotting techniques, nutrition, modes of resistance training and proper workout structure. A maximum of three credits from 100-199 may be taken during any one semester or summer session except for special programs listed in the class schedule. When beginning, intermediate or advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. A student may enroll in the same class four times for credit.		
PEX 199	SPECIAL TOPICS	01.0
<i>Prerequisite:</i> None		
A maximum of three credits from 100-199 may be taken during any one semester or summer session unless permission given by director. When beginning, intermediate and advanced classes are scheduled in an activity, the student should consult the department to determine in which level to enroll. Formerly RPED 198B.		
PEX 207	SLIMNASTICS AND WEIGHT CONTROL	02.0
<i>Prerequisite:</i> None		
Course instruction includes aerobic and anaerobic exercises, proper nutrition and behavior modification techniques. Through application of this information the student will begin to feel better, have more energy, take off excess pounds (if necessary) and lose inches. Includes both exercise and lecture. Formerly RPED 178.		

PHYSICS

PHYS 100	INTRODUCTORY PHYSICS	03.0
<i>Prerequisite:</i> MATH 096 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Overview of physics for the non-science major. Specific sections include mechanics with kinematics, Newton's laws and the conservation laws; properties of matter, including the four states of matter; heat and thermodynamics; sound; electricity and magnetism; light and optics; and a small segment on modern physics, i.e., atomic and nuclear physics. There are four additional lab experiences included. Satisfies UNR science core curriculum requirements.		
PHYS 103B	PHYSICS - AUTOMOTIVE TECHNICIAN COOP ED	03.0
<i>Prerequisite:</i> MATH 108B or equivalent or qualifying Accuplacer, ACT/SAT test results.		
A course designed for the Automotive Technician Educational Cooperative program. Open to any student interested in applied physics associated with modern automobiles.		

PHYSICS

PHYS 117	INTRODUCTION TO SPACE SCIENCE AND ENGINEERING	03.0
<i>Prerequisite:</i> None		
A hands on introduction to the science and engineering of space exploration. Topics include the Space Environment, Flight Dynamics, Propulsion, Power Supplies, Telemetry, Remote Sensing, Robotics, Design of Experiments, Analyzing Data, and Careers in Aerospace.		
PHYS 151	GENERAL PHYSICS I	04.0
<i>Prerequisite:</i> Completion of or concurrent enrollment in MATH 126 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
For non-physical science majors. Kinematics, energy and momentum conservation, rotational dynamics, thermo dynamics, fluids, harmonic motion and sound. PHYS 151 satisfies the UNR science core curriculum.		
PHYS 152	GENERAL PHYSICS II	04.0
<i>Prerequisite:</i> PHYS 151 and completion of or concurrent enrollment in MATH 127 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
For non-science majors. Electricity, magnetism, electromagnetic waves, optics, relativity, introductory quantum physics and nuclear physics. PHYS 152 satisfies the UNR science core curriculum.		
PHYS 180	PHYSICS FOR SCIENTISTS AND ENGINEERS I	03.0
<i>Prerequisite:</i> Co-requisite Math 181.		
Covers vectors, rectilinear motion, particle dynamics, work and energy, momentum, rotational mechanics, oscillations, gravitation, fluids, wave properties and sound. Satisfies UNR science core curriculum requirements. Formerly PHYS 201.		
PHYS 180L	PHYSICS FOR SCIENTISTS/ENGINEERS LAB I	01.0
<i>Prerequisite:</i> MATH 181. PHYS 180 must be taken prior to or concurrently.		
Laboratory experiments to accompany PHYS 180. Formerly PHYS 204.		
PHYS 181	PHYSICS FOR SCIENTISTS AND ENGINEERS II	03.0
<i>Prerequisite:</i> PHYS 180 (formerly PHYS 201).		
Covers thermodynamics, kinetic gas theory, electric fields and potentials, capacitors, dielectrics, DC and AC currents, resistance, magnetic fields, induction and electromagnetic waves. Satisfies UNR science core curriculum requirements. Formerly PHYS 202.		
PHYS 181L	PHYSICS FOR SCIENTISTS/ENGINEERS LAB II	01.0
<i>Prerequisite:</i> PHYS 181 must be taken prior to or concurrently.		
Laboratory experiments to accompany PHYS 181. Formerly PHYS 205.		
PHYS 182	PHYSICS FOR SCIENTISTS AND ENGINEERS III	03.0
<i>Prerequisite:</i> PHYS 181 and 181L.		
Covers Physical and Geometric Optics, Relativity, Quantum Physics, Atomic and Molecular theory, Nuclear Physics and Radioactivity, and the Standard Model and Elementary Particles.		
PHYS 182L	PHYSICS FOR SCIENTISTS AND ENGINEERS LAB III	01.0
<i>Prerequisite:</i> Co-requisite PHYS 182.		
Laboratory experiments to accompany PHYS 182.		
PHYS 198B	SPECIAL TOPICS IN PHYSICS	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
PHYS 290	INTERNSHIP IN PHYSICS	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.		

PLUMBING TRADES

PLMB 091	PLUMBING TRADES FOUNDATION I	02.0
<i>Prerequisite:</i> None		
This course introduces students to basic skills required for residential and commercial plumbing installation and repair in the construction industry.		

POLITICAL SCIENCE

PSC 085	CITIZENSHIP PREPARATION	01.0
<i>Prerequisite:</i> None		
Citizenship Preparation will provide an overview of United States history, contributions of early Americans, United States government, the workings of democracy in the American system and requirements for naturalization. Students will take the CASAS standard citizenship examination during the final two hours of the course.		

POLITICAL SCIENCE

PSC 103	PRINCIPLES AMERICAN CONSTITUTIONAL GOVERNMENT	03.0
<i>Prerequisite:</i> None		
Constitutions of the United States and Nevada with additional attention to principles and current problems of government. Satisfies United States and Nevada Constitution requirement		
PSC 107	SURVEY OF AMERICAN POLITICAL THEORY	03.0
<i>Prerequisite:</i> None		
The study of the nature of American political thought. Importance of European background; contributions from Colonial Period and American Revolution: creation of the Constitution; Federalism; Republican and Democratic supremacy, Civil War and Reconstruction and twentieth century changes.		
PSC 116	INTRODUCTION TO THE LEGISLATIVE PROCESS	03.0
<i>Prerequisite:</i> PSC 103 or approval of instructor.		
Examination of the legislative process with special emphasis on the Nevada Legislature, particularly the work of the committee. Observation of the legislature in action.		
PSC 198B	SPECIAL TOPICS IN POLITICAL SCIENCE	00.5-03.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to three credits depending on the course content and number of hours required. The course may be repeated for up to three credits.		
PSC 208	AMERICAN STATE AND LOCAL GOVERNMENT	03.0
<i>Prerequisite:</i> PSC 103 or approval of instructor.		
Examination of the legislative process with special emphasis on the Nevada Legislature, particularly the work of the committee. Observation of the legislature in action.		
PSC 210	AMERICAN PUBLIC POLICY	03.0
<i>Prerequisite:</i> None		
Analysis of the interplay of forces involved in policy-making at all levels of American government. Study of the impact of policy on individuals and institutions.		
PSC 211	COMPARATIVE GOVERNMENT AND POLITICS	03.0
<i>Prerequisite:</i> None		
An introduction to the comparative study of selected developed and developing societies. Emphasis will be given to the study of institutions and their functions, various administrative and decision-making processes and contemporary problems and issues. Satisfies UNR Social Science core curriculum.		
PSC 231	WORLD POLITICS	03.0
<i>Prerequisite:</i> None		
A topical introduction to international relations stressing the principles of a systematic approach to world politics. Emphasis will be given to major issues/crises confronting contemporary global society. Satisfies UNR Social Science core curriculum.		
PSC 240	SOCIAL SCIENCE RESEARCH METHODS	03.0
<i>Prerequisite:</i> Statistics recommended.		
An overview of the methods and analytical techniques used in the research of social phenomena. Emphasis will be on the design and execution of research.		
PSC 241	ELEMENTS OF PUBLIC ADMINISTRATION	03.0
<i>Prerequisite:</i> None		
Introduction to principles and problems of public administration; budget, forms of administrative action, types of control, administrative law.		
PSC 250	THE POLITICS OF INTERNATIONAL TERRORISM	03.0
<i>Prerequisite:</i> None		
The course will examine the definition of international terrorism, its underlying social, political and economic classes, its use as a political tool, its manifestations in the world and the measures to be taken for its prevention.		
PSC 270	POLITICS THROUGH FILMS	03.0
<i>Prerequisite:</i> None		
A study of the way in which films and the mass media affect perception and understanding of political processes.		
PSC 285	SELECTED READINGS ON THE PRESIDENCY	03.0
<i>Prerequisite:</i> None		
Seminar or individualized study course on various topics related to the presidency. Emphasis will be given to an analysis of various presidents, the traditional and contemporary powers of the office and the selection process. May be repeated for up to six credits.		
PSC 290B	INTERNSHIP IN POLITICAL SCIENCE	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for eight credit. The course may be repeated for up to eight credits.		

POLITICAL SCIENCE

PSC 295	SPECIAL TOPICS IN POLITICAL SCIENCE	01.0-03.0
<i>Prerequisite:</i> PSC 103 or approval of the instructor.		
The course will focus on a contemporary issue or concern of topical interest within the field of Political Science. The issue may be domestic, comparative and/or international in scope. Examples include: Middle East and African government and politics, international organizations, the Nevada Legislature and the politics of nationalized healthcare.		
PSC 297B	INDEPENDENT STUDY/STUDY ABROAD	01.0
<i>Prerequisite:</i> None		
International summer study abroad courses will consist of two to three week programs that will take students to various countries of the world for travel and study. All programs will normally include all transportation costs, hotel accommodations, cruises and meals. A research paper will be required for credit.		
PSC 298	PARTICIPATION IN STUDENT GOVERNMENT	01.0
<i>Prerequisite:</i> Election to student government.		
Explores the general political and structural aspects of student government. Students observe and apply various theories and models of governance.		
PSC 299	GOVERNMENT INTERNSHIP	03.0-06.0
<i>Prerequisite:</i> PSC 103 plus one Political Science three-credit elective and consent of instructor.		
Provides students the opportunity to be selected to serve in federal, state or local government offices normally within the TMCC service area. If more students apply than there are positions available, students must submit resumes and will be selected by a review committee.		

PORTUGUESE

PORT 101B	INTRODUCTION TO PORTUGUESE I	03.0
<i>Prerequisite:</i> None		
Introduces the fundamentals of Portuguese grammar, leading to spoken communication and listening skills with considerable emphasis on writing and reading skills. Prior knowledge of the Portuguese language is not required.		
PORT 102B	INTRODUCTION TO PORTUGUESE II	03.0
<i>Prerequisite:</i> PORT 101B or equivalent of similar course or instructor's approval.		
Portuguese 102B is a continuation course to Portuguese 101B. It introduces more advanced and complex forms of Portuguese grammar. Spoken communication and listening skills and a more detailed emphasis on written communication and reading skills.		
PORT 103B	INTERMEDIATE PORTUGUESE I	03.0
<i>Prerequisite:</i> PORT 102B or the equivalent of a similar course or instructor's approval.		
This course introduces intermediate forms of Portuguese grammar. Spoken communication, listening and written communication skills. Readings from newspaper clips and magazine articles. Viewing and discussing of Portuguese films.		
PORT 104B	INTERMEDIATE PORTUGUESE II	03.0
<i>Prerequisite:</i> PORT 103B or the equivalent of a similar course or instructor's approval.		
Structural review. Portuguese 104B is a continuation of Portuguese 103B. Intermediate/advanced forms of Portuguese grammar. Spoken communication, listening and written communication skills. Readings from newspaper clips and magazine articles. Viewing and discussion of Portuguese films.		

PSYCHOLOGY

PSY 101	GENERAL PSYCHOLOGY	03.0
<i>Prerequisite:</i> None		
Survey of the basic foundations of psychology with emphasis on psychological theories, research methods and principles of behavior. Psychology 101 is also offered via telecourse. See class schedule. Satisfies UNR Social Science core curriculum.		
PSY 102	PSYCHOLOGY OF PERSONAL AND SOCIAL ADJUSTMENT	03.0
<i>Prerequisite:</i> PSY 101 or approval of instructor.		
Personality adjustment in normal persons; adjustment techniques and reactions to frustration and conflict in the context of various social groups.		
PSY 109	LEARNING DIFFICULTIES OF THE STUDENT	02.0-03.0
<i>Prerequisite:</i> None		
An overview of influence and conditions which inhibit learning. Learning theories will be discussed emphasizing the practical application of the theory.		
PSY 130	HUMAN SEXUALITY	03.0
<i>Prerequisite:</i> None		
A study of basic information about human sexuality with emphasis on biological and psychological aspects including gender identity, the role of communication, intimacy, sexual variation and dysfunction.		
PSY 207	PSYCHOLOGY OF THE FAMILY	03.0
<i>Prerequisite:</i> None		
Examines the psychology and social approaches for understanding families, the interaction of individuals and the family as a system.		

PSYCHOLOGY

PSY 210	INTRODUCTION TO STATISTICAL METHODS	04.0
<i>Prerequisite:</i> PSY 101 or SOC 101; MATH 096 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Practice with statistical methods especially useful in the presentation and interpretation of psychological, sociological and educational data, includes elementary computer application.		
PSY 228	PSYCHOLOGY OF DREAMS	03.0
<i>Prerequisite:</i> None		
An introduction to the study of dreams through psychological theory, covering etiology and interpretation.		
PSY 233	CHILD PSYCHOLOGY	03.0
<i>Prerequisite:</i> PSY 101 or approval of instructor.		
A study of the growth and development of the child with special consideration given to theories of learning and personality formation.		
PSY 234	PSYCHOLOGY OF ADOLESCENCE	03.0
<i>Prerequisite:</i> PSY 101 or approval of instructor.		
A study of the psychological development during adolescence with emphasis on the special problems encountered in our society.		
PSY 240	INTRODUCTION TO RESEARCH METHODS	03.0
<i>Prerequisite:</i> Statistics recommended.		
An overview of the methods and analytical techniques used in the research of social phenomena. Emphasis will be on the design and execution of research.		
PSY 241	INTRODUCTION TO ABNORMAL PSYCHOLOGY	03.0
<i>Prerequisite:</i> None		
An overview of abnormal psychology with emphasis on symptom logy, etiology, diagnosis, treatment and prevention.		
PSY 261	INTRODUCTION TO SOCIAL PSYCHOLOGY	03.0
<i>Prerequisite:</i> None		
Nature of the person and interpersonal relationships, their formation and maintenance and their institutional, ideological and societal contexts; empirical examination of beliefs, attitudes, influence. Same as SOC 261.		
PSY 270	UNDERSTANDING PSYCHOLOGY THROUGH FILM	03.0
<i>Prerequisite:</i> None		
Analysis of different psychological concepts and how they are expressed in popular film media. Specifically, the course will cover families, psychological disorders, counseling approaches, parenting, human development across the life span, alcohol/drug abuse, etc., in the format of film appreciation.		
PSY 275	UNDERGRADUATE RESEARCH	03.0
<i>Prerequisite:</i> None		
Formerly PSY 198B. Repeatable up to 6 credits.		
PSY 276	AGING IN MODERN AMERICAN SOCIETY	03.0
<i>Prerequisite:</i> None		
The psychological and sociological development and the changes attendant to the process of aging in society; theory and research in the field, implications for social policy, and perspectives on death and dying. Same as SOC 276. Satisfies TMCC and UNR Diversity core curriculum.		
PSY 290	INTERNSHIP IN PSYCHOLOGY	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on a basis of 100 hours of internship for one credit. May be repeated for up to eight credits.		
PSY 299	SPECIAL PROBLEMS IN PSYCHOLOGY	01.0
<i>Prerequisite:</i> None		
Research from any field of psychology in which the student is adequately prepared. May be repeated with study of a new problem.		

RADIOLOGIC TECHNOLOGY

RAD 090B	EXPLORATION OF RADIOLOGY	00.5
<i>Prerequisite:</i> None		
This course is designed for those students who have an interest in becoming a radiological technologist. It is an introductory directed study course designed to give the student a greater knowledge of what a radiological technologist does and what career opportunities are open in this field. The goal of this course is to aid students in making a career choice that is right for them. Formerly RT 100B.		
RAD 103B	MEDICAL ETHICS	01.0
<i>Prerequisite:</i> Selection to the Radiological Technology Program and concurrent enrollment in all semester I courses.		
This course is an introduction to the medical profession, the patient and paramedical personnel, regarding professional ethics and medical-legal responsibilities. This course will also provide the student with respect for interpersonal relationships, along with moral and ethical responsibilities to increase effective communication and empathy for the patient. One (1) hour of class time per week required. Formerly RT 102B.		

RADIOLOGIC TECHNOLOGY

- RAD 110B FUNDAMENTALS OF CLINICAL RADIOGRAPHY I 01.0**
Prerequisite: Selection to the Radiological Technology Program and concurrent enrollment in all semester I courses.
A planned clinical experience is provided which gives the student the opportunity to observe and apply theoretical principles while performing radiographic procedures under supervision of the clinical staff. Progression in the program is dependent on the student demonstrating clinical competence on a specified number of competency evaluations (the number to be identified in the syllabus). Formerly RT 110B.
- RAD 112B PATIENT CARE AND MEDICAL TERMINOLOGY 02.0**
Prerequisite: Selection to the Radiological Technology Program and concurrent enrollment in all semester I courses.
This course covers nursing procedures and practices relative to radiological technology with emphasis on patient handling, safety, comfort and communications as employed by the radiological technologist. Aseptic techniques and procedures used to maintain a sterile field are explained. Etymology of disease terms, nomenclature of surgical procedures and use of prefixes, suffixes, roots, combining forms and plurals of medical terms are covered. Two (2) hours of class time per week are required. Formerly RT 112B.
- RAD 116B RADIOGRAPHY I 03.0**
Prerequisite: Selection to the Radiological Technology Program and concurrent enrollment in all semester I courses.
Radiological positioning, related anatomy, considerations for the various problems encountered during positioning and pediatric radiography are discussed. This course covers chest, abdomen, upper extremities to include shoulder girdle and lower extremities to include hip; the study and identification of anatomical structures on X-ray film. Radiation safety measures concerning both patient and technologist are covered. Five (5) hours of class time per week are required. Formerly RT 116B.
- RAD 118B RADIOLOGY PHYSICS AND CIRCUITRY 03.0**
Prerequisite: Selection to the Radiological Technology Program and concurrent enrollment in all semester I courses.
Course will establish a knowledge base of atomic structure and terminology, x-ray unit circuitry, radiation production, the nature and characteristics of radiation, and the photon interactions with matter. Formerly RT 118B.
- RAD 124B RADIOGRAPHIC PHOTO AND TECHNIQUES 03.0**
Prerequisite: Successful completion of all semester I courses.
Fundamentals of photographic processes, darkroom equipment, darkroom chemistry, processing solutions and their functions. Types and uses of X-ray film and film holders. Manipulation of exposure factors, principles and practices in technique chart construction and appropriate radiation safety measures. Five (5) hours of class time per week are required. Formerly RT 124B.
- RAD 125B CLINICAL RADIOGRAPHY I 02.0**
Prerequisite: Successful completion of all semester I Radiological Technology Program and support courses.
A planned clinical experience is provided which gives the student the opportunity to build upon previous clinical experience and apply theoretical principles while performing radiographic procedures under supervision of the clinical staff. Progression in the program is dependent on the student demonstrating clinical competence on a specified number of competency evaluations (the number to be identified in the syllabus) and demonstrating continued competence on examinations in which competence has already been demonstrated. Formerly RT 125B.
- RAD 126B RADIOGRAPHY II 03.0**
Prerequisite: Successful completion of all semester I courses.
Advanced radiographic positioning of vertebral column and skull, demonstration and practice of these more complicated radiographic positions; topographical anatomy, pediatric radiography and film critique are integrated into the specific studies. Five (5) hours of class time per week are required. Formerly RT 126B.
- RAD 128B IMAGING EQUIPMENT 03.0**
Prerequisite: Successful completion of all semester I courses.
This course will investigate the evolution of radiographic equipment and provide a knowledge base of routine equipment utilized in modern imaging departments. Formerly RT 128B.
- RAD 198B SPECIAL TOPICS RADIOLOGIC TECHNOLOGY 00.5-06.0**
Prerequisite: None
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits. Formerly RT 198B
- RAD 220B CLINICAL RADIOGRAPHY II 03.0**
Prerequisite: Successful completion of all previous Radiological Technology Program courses.
A planned clinical experience is provided which gives the student the opportunity to improve and perfect clinical skills while applying theoretical principles to radiographic procedures being performed under supervision of the clinical staff. Progression in the program is dependent on the student demonstrating clinical competence on a specified number of competency evaluations (the number to be identified in the syllabus) and demonstrating continued competence on examinations in which competence has already been demonstrated. Formerly RT 220B.

RADIOLOGIC TECHNOLOGY

RAD 230B	CLINICAL RADIOGRAPHY III	03.0
<i>Prerequisite:</i> Successful completion of all previous Radiological Technology Program courses.		
A planned clinical experience is provided which gives the student the opportunity to incorporate the theory presented in RAD 236B (formerly RT 236B) and other pertinent courses and expand clinical skills while performing radiographic procedures under supervision of the clinical staff. Progression in the program is dependent on the student demonstrating clinical competence on a specified number of competency evaluations (the number to be identified in the syllabus) and demonstrating continued competence on examinations in which competence has already been demonstrated. Formerly RT 230B.		
RAD 236B	RADIOGRAPHIC CONTRAST-ROUTINE EXAMS	02.0
<i>Prerequisite:</i> Successful completion of all previous Radiological Technology Program courses.		
A study of different types of contrast media and how each is used to delineate specific anatomic parts or organs; common radiographic procedures using contrast media; indications; contradictions; patient preparation, care and positions are explained. Two (2) hours of class time per week are required. Formerly RT 236B.		
RAD 238B	RADIATION SAFETY AND PROTECTION	02.0
<i>Prerequisite:</i> Successful completion of all previous Radiological Technology Program courses		
Accent on radiation health and safety; definitions and significance of various terms employed in radiation protection; biological effects of radiation; methods and instruments used in monitoring; national and state requirements regarding diagnostic radiation are discussed in detail. Two (2) hours of class time per week are required. Formerly RT 238B.		
RAD 242B	RADIOGRAPHY QUALITY MANAGEMENT	01.0
<i>Prerequisite:</i> Successful completion of all previous program courses (second year, second semester program student) or ARRT certified radiographer.		
A study of health care communications, customer service, quality improvement, team building, health care systems, accreditation issues and present and future health care trends as each relates to the Radiology department's quality assurance programs. Formerly RT 242B.		
RAD 244B	DIAGNOSTIC AND THERAPEUTIC RADIATION	02.0
<i>Prerequisite:</i> Successful completion of all previous Radiological Technology Program courses.		
A survey of medical and surgical diseases employing special radiographic procedures with an introduction to the therapeutic uses of radiation, radium and isotopes; overview of medical pathology selected on the basis of relevance to radiological exams. These lectures are presented by radiologists and other specialists from the affiliated hospitals. Two (2) hours of class time per week are required Formerly RT 244B.		
RAD 245B	CLINICAL RADIOGRAPHY IV	03.0
<i>Prerequisite:</i> Successful completion of all previous Radiological Technology Program courses.		
A planned clinical experience is provided which gives the student increased responsibility to function more independently under direct and/or indirect supervision while performing radiographic procedures. Progression in the program is dependent on the student demonstrating clinical competence on a specified number of competency evaluations (the number to be identified in the syllabus) and demonstrating continued competence on examinations in which competence has already been demonstrated. Formerly RT 245B.		
RAD 247B	RADIOGRAPHY QUALITY CONTROL	01.0
<i>Prerequisite:</i> Successful completion of all previous program courses (second year, second semester program student) or ARRT certified radiographer.		
A study of quality control methods are examined and discussed pertaining to the equipment and usage within a radiography department. Formerly RT 247B.		
RAD 250B	CLINICAL RADIOGRAPHY V	03.0
<i>Prerequisite:</i> Successful completion of all previous Radiological Technology Program courses.		
A planned clinical experience is provided which gives the student the opportunity to demonstrate clinical skills in performing competency and continued competency evaluation examinations. These skills should include analysis, synthesis and evaluation of the examinations performed. These experiences will facilitate the transition from student technologist to graduate technologist. At the end of this course, the student will have met all radiographic competency requirements. Formerly RT 250B.		
RAD 259B	SEMINAR IN RADIOGRAPHY	02.0
<i>Prerequisite:</i> Current successful completion of all previous Radiological Technology Program courses or instructor approval.		
A general review and integration of all aspects of medical radiological technology is obtained through the use of simulated registry examination and the use of computer review programs. Preparation for the national A.R.R.T. examination. Two (2) hours of class time per week are required. Formerly RT 259B.		
RAD 280B	REVIEW OF CONCEPTS IN RADIOGRAPHY	01.0-06.0
<i>Prerequisite:</i> Radiological Technology Program educational coordinator approval.		
Open to inactive registered radiological technologists and RT graduates who need to repeat the registry exam. This course is designed to meet the need of the individual student and may be repeated for a maximum of six (6) credits. Formerly RT 280B.		
RAD 285B	INDEPENDENT STUDY IN RADIOLOGY	00.5-06.0
<i>Prerequisite:</i> Radiological Technology Program student or permission of the instructor.		
Course is designed so the student may do extra study in an area of interest related to the field of radiology. Course topic to be determined by mutual consent of the faculty and student. Content will enhance basic knowledge of radiology. Formerly RT 285B.		

RADIOLOGIC TECHNOLOGY

RAD 290B	INTERNSHIP IN RADIOLOGIC TECHNOLOGY	01.0-06.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to 12 semester credit hours may be earned on the basis of 100 hours of internship for one credit. The course may be repeated for up to 12 credits. Formerly RT 290B.		

READING

READ 093	READING IMPROVEMENT	01.0-03.0
<i>Prerequisite:</i> None		
Provides improvement in fundamental reading skills, including word-attack skills, vocabulary development, reading comprehension and fluency. You will learn various reading strategies to utilize before, during, and after reading.		
READ 135	COLLEGE READING STRATEGIES	01.0-03.0
<i>Prerequisite:</i> None		
Improvement of reading comprehension, critical thinking skills, vocabulary, reading rate and study-reading techniques through reading and analyzing a variety of texts, including book-length works and textbook selections from various areas.		
READ 136	READING IN THE DISCIPLINES	01.0-03.0
<i>Prerequisite:</i> None		
Because each academic field is unique, the reading skills required for textbooks and related materials in different subject areas also are unique. READ 136 will show you how to adapt and apply academic reading strategies to suit distinct characteristics texts in academic disciplines. Course taken as elective, transferable credit.		

REAL ESTATE

RE 101	REAL ESTATE PRINCIPLES	03.0
<i>Prerequisite:</i> None		
This is the first half of the introduction to real estate. Subjects included are professional organizations, types of property, the law of agency, listing agreements, easements, estates in the land, forms of ownership, legal descriptions, taxation, liens, contract law, deeds, probate, title insurance and recording. It can be taken concurrently with RE 103. Successful completion of RE 101 and RE 103 along with the passage of the Nevada Real Estate Exam qualifies one to become a licensed real estate salesperson in Nevada. This course may be taken for personal interest, for a degree and/or for pre-licensing. This course transfers to the University of Nevada at Las Vegas as FIN 130, Real Estate Principles.		
RE 102B	REAL ESTATE MATH	01.0-03.0
<i>Prerequisite:</i> None		
Review of basic arithmetic principles. A general mathematics course designed to assist the student who wishes to pass the State exam and the student who wants to be more proficient and knowledgeable in the real estate profession. Decimals, percentages, fractions, prorating, tax rate, interest, discount and depreciation are included. Same as MATH 107B.		
RE 103	REAL ESTATE LAW AND PRACTICE	03.0
<i>Prerequisite:</i> None		
This is the second half of the introduction to real estate. Subjects included are a review of the law of agency, listing agreements and the law of contracts. Additional subjects are financing, leases, property management, appraisal, land use, subdividing, fair housing, ethical practices and closing statements. Also included is a study of the appropriate Nevada Revised Statutes and their Administrative Codes. Successful completion of RE 101 and RE 103 along with the passage of the Nevada Real Estate Exam qualifies one to become a licensed real estate salesperson in Nevada. This course may be taken for personal interest, for a degree and/or for pre-licensing.		
RE 104	REAL ESTATE LAW AND CONVEYANCING	03.0
<i>Prerequisite:</i> None		
This is an in-depth course in law as it applies to real property. It includes contracts, agency, deeds, easements, estates in land, financing, tenancy, foreclosures, leases, transfer of title and negotiable instruments. It does not include license law. Case studies are also discussed.		
RE 130B	ESCROW I	02.0-03.0
<i>Prerequisite:</i> RE 101 or 103 or equivalent or department approval.		
This course covers basic escrow principles and procedures, including the mechanics of taking, processing and closing an escrow. Actual escrow transactions shall be completed step by step. This course should be of benefit to aspiring escrow officers, escrow secretaries, real estate salespersons and anyone who frequently deals in real estate.		
RE 198B	SPECIAL TOPICS REAL ESTATE	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		

REAL ESTATE

RE 199	REAL ESTATE INVESTMENTS	02.0-03.0
<i>Prerequisite:</i> None		
Introduction to investments. Real estate as an investment vehicle, tax aspects, property analysis, state and federal regulations, management, financial statements, formulas, techniques, protection and investment guidelines for the consumer as they relate to real estate ownership.		
RE 202	REAL ESTATE FINANCING AND INSURANCE	03.0
<i>Prerequisite:</i> None		
This course includes an overview of real estate financing and types of loans, formulas, payment methods, lenders, qualifying requirements, FHA, VA, conventional and interim financing, loan costs and the secondary mortgage market. It also covers notes, deeds of trust and foreclosure procedures.		
RE 205B	REAL ESTATE MANAGEMENT	03.0
<i>Prerequisite:</i> None		
This course is designed to cover the fundamental principles involved in the management of real property. Topics to be covered include the role of an effective managing agent, accounting systems and financial controls, human relations in property management, leases, marketing, developing management checklists and developing effective service techniques. This course serves as a prerequisite for future work a student may contemplate relative to professional property management.		
RE 206	REAL ESTATE APPRAISING	03.0
<i>Prerequisite:</i> RE 101 and 103 or real estate experience.		
This is a basic course in appraising, dealing with the beginning concepts. These include basic principles and economic trends, nature of appraisals and the appraisal process, neighborhood and site analysis and site valuation, residential style and functional utility. The use of the cost, income capitalization and market approaches to value and the correlation of the data in order to arrive at a value estimate is also covered. Recommended for those holding a real estate license. This course is required to become a broker in Nevada unless the student has had two years of full time experience as a salesperson.		
RE 207B	INCOME VALUATION APPRAISING	03.0
<i>Prerequisite:</i> RE 206 or equivalent or department approval.		
This course introduces the student to appraisal practices used for income, commercial, industrial and residential properties. It covers terminology, factors considered in the income market and basic applications of income appraising, with the exception of the mortgage equity techniques. Students will be required to furnish their own calculators.		
RE 290B	INTERNSHIP IN REAL ESTATE	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge and skills to real on- the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. This course is available to any student who has completed or is currently enrolled in RE 101 or 103. Contact the instructor for the application. Up to eight semester hour credits may be earned on the basis of 75 hours of internship for one credit. This course may be repeated for up to eight credits.		

RUSSIAN

RUS 101B	INTRODUCTION TO RUSSIAN I	03.0
<i>Prerequisite:</i> None		
A course designed to introduce students to the cultural, political and education life in the Soviet Union. Practical knowledge of spoken Russian will be developed; listening and writing skills will be practiced.		
RUS 102B	INTRODUCTION TO RUSSIAN II	03.0
<i>Prerequisite:</i> Russian 101B or the equivalent of a similar course or instructor's approval is required.		
A continuation of RUS101B. It introduces more advanced and complex forms of Russian grammar. Spoken communication and listening skills and a more detailed emphasis on written communication and reading skills.		
RUS 103B	INTERMEDIATE RUSSIAN I	03.0
<i>Prerequisite:</i> Russian 102B or the equivalent of a similar course or instructor's approval is required.		
This course introduces intermediate forms of Russian grammar. Spoken communication, listening and written communication skills. Readings from newspaper clips and magazine articles. Viewing and discussing of Russian television programs and films.		
RUS 104B	INTERMEDIATE RUSSIAN II	03.0
<i>Prerequisite:</i> Russian 103B or the equivalent of a similar course or instructor's approval is required.		
Structural review. Russian 104B is a continuation of Russian 103B. Intermediate and advanced forms of Russian grammar. Spoken communication, listening and written communication skills. Readings from newspaper clips and magazine articles. Viewing and discussing of Russian television programs and films.		

SILVER COLLEGE

CSVC 091	PERSONAL COMPUTING FOR SENIORS I	02.0
<i>Prerequisite:</i> Knowledge of keyboarding.		
This hands-on course is designed for the senior student who has little or no experience with PC's. It explains PC hardware and software, basic terminology, instructs how to wisely purchase a personal computer for present and future needs and advises how to set up a home computing work area. The student also receives hands-on instruction in the basic use of word processing, learning to compose, format, edit, save and print letters and documents. Formerly SENR 101B.		
CSVC 092	PERSONAL COMPUTING FOR SENIORS II	02.0
<i>Prerequisite:</i> CSVC 091.		
This hands-on course is designed for the senior student who has a basic knowledge of personal computers and word processing and wishes to learn the basics of other software applications. The student will receive a review of word processing techniques, along with hands-on introductory instruction in the basic use of spreadsheets, databases, presentations, the Internet and e-mail software. Formerly SENR 102B.		
CSVC 093	PERSONAL COMPUTING FOR SENIORS III	02.0
<i>Prerequisite:</i> CSVC 092.		
Build on your knowledge of Microsoft Windows and Excel. This class will also include Microsoft Word's mail merge feature, inserting an Excel spreadsheet into a Word document, and attaching Word and Excel files to an e-mail message. Formerly SENR 103B.		
CSVC 094	PERSONAL COMPUTING FOR SENIORS IV	02.0
<i>Prerequisite:</i> CSVC 093.		
Learn to enhance your documents through the use of graphics. Become familiar with various graphics programs, including PowerPoint and Publisher, and learn how to scan pictures and documents into your computer. Formerly SENR 104B.		
CSVC 095	INTERNET I FOR SENIORS	02.0
<i>Prerequisite:</i> CSCV 092 or basic knowledge of keyboard and Windows.		
This hands-on course is designed for the senior student who has a basic knowledge of personal computers and wishes to learn how to access the Internet and use browser software to explore the World Wide Web. The student will learn to use various search engines to find information, download files, use e-mail and newsgroups. Formerly SENR 105B.		
CSVC 096	INTERNET II FOR SENIORS	02.0
<i>Prerequisite:</i> CSVC 095.		
This hands on course is designed for the participant who has the basic knowledge of personal computers, and wishes to learn how to effectively search the Internet and World Wide Web by using more advanced search procedures and methods. The participant will learn how a Web page is created, and understand the creation and modification of its hyperlinks. The participant will also learn how to locate and download special information and projects from the Internet.		
CSVC 097	MICROSOFT WORD FOR SENIORS	02.0
<i>Prerequisite:</i> CSVC 091 and 092.		
This hands-on course is designed for the participant who has a basic/intermediate knowledge of personal computers, and wishes to learn basic and more advanced Microsoft Word features such as how to edit and format documents.		
CSVC 098	MANAGEMENT PC FILES AND FOLDERS FOR SENIORS	02.0
<i>Prerequisite:</i> CSVC 091 and 092.		
This hands-on course is designed for the participant who has a basic/intermediate knowledge of personal computers and wishes to learn how to effectively manage and organize PC files by using more advanced procedures and methods. The participant will learn how to utilize the Windows Explorer and My Computer features for day-to-day disk management. It also teaches the skills to create, find, copy, move and delete files and folders, and to perform other necessary disk housekeeping tasks.		
CSVC 099	DIGITAL CAMERA FOR SENIORS	02.0-03.0
<i>Prerequisite:</i> CSVC 092.		
If you own a digital camera or are planning to buy one, this class will help you learn more about their use. You will learn tips for selecting and buying a quality digital camera, and how to resize and e-mail your digital photos. You will also learn how to safely save, organize and backup your images.		
CSVC 099 A	PHOTOSHOP ELEMENTS FOR SENIORS	02.0-03.0
<i>Prerequisite:</i> CSVC 099.		
Learn basic, intermediate, and advanced features of Adobe Photoshop Elements such as how to correct, adjust, retouch and repair photos, add special effects, print and share images. Also learn more advanced photo editing skills and use of special photo effects for the creation of your own personal photo projects.		

SOCIAL WORK

SW 220	INTRODUCTION TO SOCIAL WORK	03.0
<i>Prerequisite:</i> None		
This course presents an overview of public and private services, the profession of social work and an analysis of their functions as modes of social problem solving.		

SOCIOLOGY

SOC 101	PRINCIPLES OF SOCIOLOGY	03.0
<i>Prerequisite:</i> None		
Sociological principles underlying the development of culture, structure and function of society, human groups, institutions, deviance, stratification and social change. Satisfies UNR Social Science core curriculum.		
SOC 102	CONTEMPORARY SOCIAL ISSUES	03.0
<i>Prerequisite:</i> None		
This course examines selected problems of contemporary society and provides practice in the application of relevant sociological perspectives and theory. The course has two main objectives: (1) to acquaint the student with critical thinking skills and sociological concepts, theories, methods and knowledge; and (2) to apply these so that we better understand our society.		
SOC 198B	SPECIAL TOPICS IN SOCIOLOGY	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
SOC 205	ETHNIC GROUPS IN CONTEMPORARY SOCIETIES	03.0
<i>Prerequisite:</i> None		
Ethnic relations in the United States and other societies where cultural and `racial` pluralism illustrates problems and processes of social interaction. Same as ANTH 205. Satisfies TMCC and UNR diversity core curriculum.		
SOC 210	INTRODUCTION TO STATISTICAL METHODS	04.0
<i>Prerequisite:</i> SOC 101 or PSY 101; MATH 096 or equivalent or qualifying Accuplacer, ACT/SAT test results.		
Same as PSY 210. Practice with statistical methods especially useful in the presentation and interpretation of psychological, sociological and educational data. Includes elementary computer application.		
SOC 240	SOCIAL SCIENCE RESEARCH METHODS	03.0
<i>Prerequisite:</i> Statistics recommended.		
An overview of the methods and analytical techniques used in the research of social phenomena. Emphasis will be on the design and execution of research.		
SOC 261	INTRODUCTION TO SOCIAL PSYCHOLOGY	03.0
<i>Prerequisite:</i> None		
Nature of the person and interpersonal relationships, their formation and maintenance and their institutional, ideological and societal contexts; empirical examination of beliefs, attitudes, influence. Same as PSY 261.		
SOC 275	INTRODUCTION TO MARRIAGE AND THE FAMILY	03.0
<i>Prerequisite:</i> None		
Sex roles, dating patterns, mate selection, marital interaction; alternative forms of marriage and family life.		
SOC 276	AGING IN MODERN AMERICAN SOCIETY	03.0
<i>Prerequisite:</i> None		
The psychological and sociological development and the changes attendant to the process of aging in society; theory and research in the field, implications for social policy and perspectives on death and dying. Same as PSY 276. Satisfies TMCC and UNR Diversity core curriculum.		
SOC 290B	INTERNSHIP IN SOCIOLOGY	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on a basis of 100 hours of internship for one credit. The course may be repeated for up to eight credits.		
SOC 295	SOCIOLOGY OF THE FUTURE	03.0
<i>Prerequisite:</i> None		
A course designed to provide the student with a sociological perspective on the world in which we live and the emerging trends and issues. There will be an introduction to various models for forecasting future trends, with an emphasis on the issues most important to the average person.		

SOLAR ENERGY

SOL 100B	INTRODUCTION TO SOLAR ENERGY	03.0
<i>Prerequisite:</i> None		
This course is designed to give the student basic knowledge in the following areas of solar energy: history, sun movement, climatological data for Reno, Nevada; energy reflection, transmission and absorption, heat transfer, heat storage, collector systems and sizing.		

SPANISH

SPAN 101B	SPANISH CONVERSATIONAL I	03.0
<i>Prerequisite:</i> None		
A basic course emphasizing spoken communication. Course assumes that students have had no prior formal training. Writing, listening and reading skills will be explored.		
SPAN 102B	SPANISH CONVERSATIONAL II	03.0
<i>Prerequisite:</i> SPAN 101B.		
A continuation of Spanish 101B.		
SPAN 103B	CONVERSATIONAL SPANISH III	03.0
<i>Prerequisite:</i> SPAN 102B.		
A continuation of Spanish 102B.		
SPAN 104B	CONVERSATIONAL SPANISH IV	03.0
<i>Prerequisite:</i> None		
The purpose of this course is to continue to learn to understand spoken Spanish and to express oneself orally in that language. In order to meet the learning needs of the student, flexibility in teaching as well as the direct method are used to achieve these objectives.		
SPAN 111	FIRST YEAR SPANISH I	04.0
<i>Prerequisite:</i> None		
Introduction to the language through the development of language skills and through structural analysis. Includes an introduction to Spanish and Latin American cultures. This course transfers to UNR as SPAN 111.		
SPAN 112	FIRST YEAR SPANISH II	04.0
<i>Prerequisite:</i> SPAN 111 or equivalent.		
A continuation of Spanish 111. This course transfers to UNR as SPAN 112.		
SPAN 198B	SPECIAL TOPICS IN SPANISH	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits.		
SPAN 211	SECOND YEAR SPANISH I	03.0
<i>Prerequisite:</i> SPAN 112.		
Structural review, conversation and writing, readings in modern literature. This course transfers to UNR as SPAN 211. Formerly SPAN 203.		
SPAN 212	SECOND YEAR SPANISH II	03.0
<i>Prerequisite:</i> SPAN 211.		
A continuation of Spanish 211. This course transfers to UNR as SPAN 212. Formerly SPAN 204.		
SPAN 225	A CULTURAL PERSPECTIVE: SPAIN...NEW MEXICO	03.0
<i>Prerequisite:</i> None		
A PERSPECTIVE OF CULTURAL DIVERSITY IN SPAIN AND THE AMERICAN SOUTHWEST. This course will introduce the differing cultures of Spain within a historical context. Students will look closely at the intertwining of art, religion and history during the Middle Ages, focusing on the Camino de Santiago, the St. James pilgrimage route across northern Spain that is still traveled today. The course will include a study of the influence of the Moors upon the language, art and philosophy of Spain. It will trace the first Spanish explorers as they brought the traditions of the Old World into New Mexico, before the founding of Jamestown. This blending of the Spanish and Pueblo culture has resulted in the uniqueness of the Southwest today. The course will be taught in English and is the same class as Humanities 225. Fulfills TMCC and UNR Diversity core curriculum.		
SPAN 226	SPANISH FOR HERITAGE SPEAKERS I	03.0
<i>Prerequisite:</i> None		
This is a course designed for native Spanish speaking students who want to improve their literacy in the language. Students will study and practice basic Spanish grammar for improving and developing written and oral communication and reading skills.		
SPAN 227	SPANISH FOR HERITAGE SPEAKERS II	03.0
<i>Prerequisite:</i> Completion of SPAN 226.		
This course is a follow up course to SPAN 226. This course is specifically designed and intended for students who speak the Spanish Language as their native language but have had no advanced formal training in the grammatical aspects of the language. It is based on the study and practice of advanced Spanish grammar and its application to all five aspects of the language, i.e., writing, reading, interpreting, speaking and understanding. Completion of SPAN 227 satisfies the College of Liberal Arts foreign language requirement in colleges and universities in the state of Nevada.		
SPAN 290B	INTERNSHIP IN SPANISH	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits.		

SPEECH/THEATER

SPTH 254 16TH AND 17TH CENTURY THEATRICAL LITERATURE 03.0
Prerequisite: None
Alternate years. Dramatic literature in England and continent during 16th and 17th centuries.

STUDY SKILLS

SSK 109 COLLEGE STUDY TECHNIQUES 01.0-03.0
Prerequisite: None
Group instruction for students who want to improve, review, acquire or maintain study skills necessary for college success. Curriculum covers time management, concentration, motivation, note-taking, listening, textbook processing, test preparation, test anxiety and term paper preparation.

SURVEYING

SUR 161 ELEMENTARY SURVEYING 04.0
Prerequisite: Proficiency in advanced math or instructor's approval.
To acquire a basic understanding of the principles of surveying. To become acquainted with and develop some skills in the use of field surveying equipment. This will include the 100 ft. tape, engineer's level and the transit. Formerly CONS 110B.

SUR 162 ADVANCED SURVEYING 04.0
Prerequisite: SUR 161 (formerly CONS 110B).
Increases the skills acquired from the first semester course in the use of field surveying equipment; develop map-making skills from field notes. To learn and use new engineering and surveying concepts which will include staid surveying, horizontal and vertical control, setting grade stakes and topography. Formerly CONS 111B.

THEATER

THTR 100 INTRODUCTION TO THEATER 03.0
Prerequisite: None
A survey course covering a variety of different aspects of theater including play analysis, historical style, play writing, acting, directing, technical theater and more. Representative plays are analyzed from a performance-based perspective. No previous experience in theater is required. Satisfies UNR Fine Arts core curriculum and applies as a general elective at UNLV. Formerly SPTH 200.

THTR 105 INTRODUCTION TO ACTING I 03.0
Prerequisite: None
Interpretation of drama through the art of the actor. Development of individual insights, skills and disciplines in the presentation of dramatic material to the audience and the learning of basic exercises for the actor. Formerly SPTH 130.

THTR 108 INTRODUCTION TO PLAYWRITING 03.0
Prerequisite: None
Fundamentals of the art of writing plays, stressing elements such as plot, character, dialogue and structure. Emphasis on writing short plays. Formerly SPTH 108.

THTR 112 BEGINNING SINGING FOR THE ACTOR 03.0
Prerequisite: None
Class instruction in the fundamentals of correct breathing, tone production and diction. Designed for students interested in musical theatre who are non-music majors. Formerly SPTH 112.

THTR 116 DANCE STYLES: MUSICAL THEATER 01.0-02.0
Prerequisite: None
Specialized study in the various dance forms encompassed in musical theater. Special emphasis is placed on the fundamentals of movement and dance techniques to achieve a solid movement base. The course may be repeated for a maximum of four credits. Formerly SPTH 116.

THTR 122 CREATIVE DRAMA 03.0
Prerequisite: None
Fall, Spring. A hands-on experience in the use of drama in nonperformance situations. Drama is a stimulus for creativity and problem solving in preschool, elementary and secondary classrooms and in other settings. Theory and practice of improvisation, pantomime and story dramatization. Formerly SPTH 122.

THTR 133 FUNDAMENTALS OF DIRECTING 03.0
Prerequisite: None
The course is designed for theater students or for persons within the community who have a desire to learn about the overall role and function of the stage director and to apply this knowledge in a practical manner. The course includes a study of the history, theory and conceptualization matrixes of directing and the practical experience in selecting and casting a play, planning rehearsals, blocking, script analysis and working with actors. Also included are scenery, lighting, costume, properties and stage management concepts and coordination. Formerly SPTH 133.

THEATER

THTR 160	TELEVISION PRODUCTION I	03.0
<i>Prerequisite:</i> None		
Television Production I explores the purposes, scope, methods and materials for visual and aural broadcasting, planning, organization, rehearsing, editing and recording announcements and programs; studio procedures and presentations; preparations and treatment of content and form. Television Production I is a combination of "book learning" and hands-on experience in a television studio. At the completion of this course a student will have experience in camera operation, technical direction, directing, audio operation, tape operation, on-camera experience and other studio related activities. Formerly SPTH 160.		
THTR 161	TELEVISION PRODUCTION II	03.0
<i>Prerequisite:</i> THTR 160 (formerly SPTH 160) or equivalent.		
Television Production II is an intermediate study and practice of the knowledge, procedures and skills developed in THTR 160. The course is designed as a field production class. The students' job will include shooting, editing, producing, directing, lighting, writing, presenting and all other skills required to produce high quality materials in the field. Multiple deadlines will be faced which will require diligent work outside of class. Formerly SPTH 161.		
THTR 175	MUSICAL THEATER	03.0
<i>Prerequisite:</i> None		
This course examines the development of the genre from its operatic roots in Europe to the present day. It will focus on the social and political influences on the art, the influence of composers on each other and landmark productions, which changed the direction of this developing form. The students will also have practical experiences in the prime performance areas of musical theatre (acting, singing and dancing), that will culminate in a mock audition and/or a scene performance. Formerly SPTH 206.		
THTR 176	MUSICAL THEATER WORKSHOP I	01.0-03.0
<i>Prerequisite:</i> Audition and/or approval of instructor.		
Performance of Musical Theater Production.		
THTR 180	CINEMA AS ART AND COMMUNICATION	03.0
<i>Prerequisite:</i> None		
This course will teach students to appreciate, interpret and respond to selected films from particular genres, directors or actors and to recognize the human values these films depict. It will also introduce students to some of the techniques of filmmaking in general. (same as HUM 105). Formerly SPTH 180.		
THTR 198B	SPECIAL TOPICS SPEECH AND THEATER	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits. Formerly SPTH 198B.		
THTR 200	INTRODUCTION TO STAGE VOICE I	03.0
<i>Prerequisite:</i> None		
The course will cover four general areas: 1. Voice Improvement 2. 'Transatlantic' speech 3. Phonetics and 4. Stage dialects. Formerly SPTH 260.		
THTR 204	THEATER TECHNOLOGY I	03.0
<i>Prerequisite:</i> None		
This course consists of a three-hour-a-week lecture/discussion/demonstration plus 25 hours of lab during the semester. The course focuses on safety, functions of scenery, costuming, tools and material, scene painting, stage draperies, color in theater, lighting and electricity, stage sound and specialized theater equipment. Formerly SPTH 140.		
THTR 205	INTRODUCTION TO ACTING II	03.0
<i>Prerequisite:</i> THTR 105 (formerly SPTH 130) or approval of instructor.		
Continued work on scenes and on principles of auditioning, role analysis, play rehearsal and problems related to sustaining a stage performance. Formerly SPTH 131.		
THTR 206	THEATER WORKSHOP: ACTING III	03.0
<i>Prerequisite:</i> THTR 105 (formerly SPTH 130) and THTR 205 (formerly SPTH 131).		
A continuation of THTR 105 (formerly SPTH 130) and THTR 205 (formerly SPTH 131) with emphasis on internal work, auditioning, script analysis, characterizations and performance. Formerly SPTH 132.		
THTR 207	LABORATORY THEATER: ACTING IV	03.0
<i>Prerequisite:</i> THTR 105 (formerly SPTH 130), THTR 205 (formerly SPTH 131) and THTR 206 (formerly SPTH 132) or comparative experience with instructor's approval		
Intensive and individualized work for advanced acting students. Advanced application of actor training using techniques and philosophies of Stanislavski, Grotowski, Meisner, and Suzuki. Formerly SPTH 234.		
THTR 209	THEATER PRACTICUM	01.0-06.0
<i>Prerequisite:</i> Audition required.		
An advanced course for serious students of theater who want to pursue acting, directing and play production in depth. The course culminates with a public performance. Rehearsal hours are arranged and announced at the beginning of the semester. Formerly SPTH 205.		

THEATER

THTR 210	THEATER: A CULTURAL CONTEXT	03.0
<i>Prerequisite:</i> None		
This is a course designed to increase one's understanding and appreciation of multicultural theatrical art forms and artists who are creating outside of mainstream American theatre. The language, as well as the aural and visual components of the plays, will be explored. Satisfies TMCC Diversity requirement. Formerly SPTH 210.		
THTR 221	INTERPRETATION	03.0
<i>Prerequisite:</i> None		
Introduction to the performance of literature (poetry, prose, script and oral history). Emphasis on textual analysis as well as vocal and physical techniques of performance. Formerly SPTH 221.		
THTR 225B	DRAMA IN PERFORMANCE	01.0
<i>Prerequisite:</i> None		
Three-day field trip to attend the Oregon Shakespeare Festival Association productions. Students will see the plays and write a critical review on each. They will also be required to attend discussions after each play. Formerly SPTH 225B.		
THTR 231	CHILDREN'S THEATER	03.0
<i>Prerequisite:</i> None		
Produce plays for child audiences; application of concepts of child development to aesthetic problems of theatre for young audiences through reading, discussion and participation. Formerly SPTH 231.		
THTR 235	ACTING FOR THE CAMERA	03.0
<i>Prerequisite:</i> None		
Introduction to performance in television and film. Basic performance techniques will be explored, culminating in a final project. Formerly SPTH 235.		
THTR 258	THEATER EXPERIENCE AND TRAVEL	01.0-02.0
<i>Prerequisite:</i> None		
A field study class in which students travel to an arranged destination for the purpose of play viewing, play study and possible workshop attendance. Formerly SPTH 258.		
THTR 276	MUSICAL THEATER WORKSHOP II	01.0-03.0
<i>Prerequisite:</i> THTR 176 plus audition and/or approval of instructor.		
Continuation of Performance of Musical Theater Production.		
THTR 290B	INTERNSHIP IN SPEECH AND THEATER	01.0-08.0
<i>Prerequisite:</i> None		
A course designed wherein students will apply knowledge to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed all core and major requirements and have a 2.5 GPA. Contact the appropriate chairperson for the application, screening and required skills evaluation. Up to eight semester hour credits may be earned on the basis of 100 hours of internship for one credit. May be repeated for up to eight credits. Formerly SPTH 290B.		
THTR 295	INDEPENDENT STUDY: THEATER	01.0-03.0
<i>Prerequisite:</i> Consent of the instructor.		
Tutorial study of special projects in theater. A student submits a detailed project description and the objectives and learning outcomes specific to the project are formulated by the instructor and the student. Formerly SPTH 295.		

TRUCK DRIVING

DRV 101B	C D L PERMIT PREPARATION	03.0
<i>Prerequisite:</i> Valid Nevada driver's license, 21 years of age, pass a physical exam, pass drug test and clean moving violation report.		
This course prepares students to take the Department of Motor Vehicles written tests necessary for a permit with all endorsements for a Class A commercial driver's license.		
DRV 110B	DRIVER RESOURCE MANAGEMENT	02.0
<i>Prerequisite:</i> None		
This course gives students classroom instruction needed to enter the training for an apprentice driver.		
DRV 120B	PRE-TRIP INSPECTION	02.0
<i>Prerequisite:</i> Valid commercial driver's permit.		
This course prepares students to be able to inspect transportation industry vehicles for road worthiness, to communicate information about needed repairs and to pass the Department of motor Vehicles pre-trip inspection test.		
DRV 130B	DRIVER MANEUVERS	02.0
<i>Prerequisite:</i> Valid commercial driver's permit and DRV 120B.		
This course prepares students with training in performing basic control skills used when driving a Class A vehicle.		

TRUCK DRIVING

DRV 140B	OVER-THE-ROAD DRIVING SKILLS	03.0
<i>Prerequisite:</i> Valid commercial driver's permit and DRV 130B.		
This course provides students with hands-on training to safely operate a commercial motor vehicle, to communicate information about safety performing basic on-road driving skills and to pass the Department of Motor Vehicles commercial Driver's License (CDL) on-road driving test.		

VETERINARY TECHNOLOGY

VETT 101B	INTRODUCTION TO ANIMAL HEALTH TECHNOLOGY	04.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
An introductory course in veterinary technology. Including but not limited to the various roles of veterinary technicians in the veterinary profession. The laws and ethics of veterinary medicine. The behavior of various animal species with regard to humane restraint and handling. Breed classifications of common domestic animals. Proper cleaning techniques of a veterinary facility. Proper medical record keeping techniques. Principles of general animal care including but not limited to physical exams and basic sampling techniques. Three hours of lecture and three hours of lab per week.		
VETT 105B	VETERINARY MEDICAL TERMINOLOGY	01.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
This course is an introduction to medical terms, laymen's terms, and abbreviations utilized by veterinarians and their clients. It includes canine and feline breed identification.		
VETT 110B	COMPARATIVE ANIMAL ANATOMY AND PHYSIOLOGY I	04.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
This course is designed to provide the student with the understanding of anatomy and physiology of domestic species that are most often encountered in food animal and companion animal practice. Topics include cell anatomy, cell metabolism and basic histology. Body systems include: integument, skeletal, muscular, nervous, and special senses. All information will be comparative with each species including canine, feline, equine, porcine, ruminants and avian.		
VETT 112B	COMPARATIVE ANIMAL ANATOMY AND PHYSIOLOGY II	04.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program and successful completion of VETT 110B.		
This course is designed to provide the student with the understanding of anatomy and physiology of domestic species that are most often encountered in food animal and companion animal practice. Body systems include: Cardiac, lymphatic, digestive, reproductive, urinary, respiratory and endocrine. All information will be comparative with each species including canine, felines, equine, porcine, ruminants and avian.		
VETT 125B	VETERINARY OFFICE PROCEDURES	01.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
This course is designed to introduce to the veterinary technician student the roles and responsibilities of the receptionist, office manager, and hospital managers with regard to the veterinary facility. The course will introduce basic management procedures common in a veterinary clinic with respect to a veterinary technician. Topics covered include: basic communication techniques, record keeping, filing, computer software, resume construction and interviewing techniques.		
VETT 128B	ANIMAL NURSING	04.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
A course that highlights basic and advanced nursing procedures, including but not limited to restraint, behavior awareness, physical exams, reproduction, necropsy, specimen collection, euthanasia, companion animal diseases, emergency and critical care, laws and ethics, and practice management skills for veterinary technicians.		
VETT 203B	CLINICAL AND GENERAL PATHOLOGY	4.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
The course includes information in hematology, clinical chemistry, urinalysis and microbiology. The student will learn collection, handling, and transporting of biological samples. Student's will learn laboratory procedures to assist in the diagnostic process. Two hours of lecture and six hours of lab per week.		
VETT 205B	VETERINARY DIAGNOSTIC IMAGING	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
A course that deals with the principles of diagnostic imaging. Topics include: radiographic theory, equipment, positioning, safety regulations, safety equipment, film processing, radiographic technique evaluation, and an introduction to alternative imaging techniques.		
VETT 208B	LABORATORY ANIMAL SCIENCE	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
This course includes the principles involved with breed recognition, restraint, husbandry, nutrition, breeding, health conditions, disease recognition, and zoonotic potential of laboratory animals, reptiles and birds. The course also includes the technician's role in a research facility, zoological facility and a general veterinary practice.		
VETT 209B	PARASITOLOGY	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
This course includes the study of internal and external parasites of domestic animals. The student will learn identification, life cycles, routes of transmission, prevention and treatment protocols for the various parasites. Laboratory techniques used for identification will be covered in detail. The student will also learn the importance of public health safety, including procedures and protocols.		

VETERINARY TECHNOLOGY

VETT 211B	ANIMAL NUTRITION	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
A course in the normal and therapeutic nutritional needs of various species of animals. Topics include, components of food, calculating energy requirements, digestion, and life stage needs.		
VETT 225B	PHARMACOLOGY AND TOXICOLOGY	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
A course that deals with the pharmacology and physiology of drug rules on filling prescriptions, handling, storing and documenting controlled substances. Classification of drugs, vaccinology, route and methods of administration of drugs, calculating dosages, and physiological action on the systems of the body. This course is designed specifically for students enrolled in the Veterinary Technician program.		
VETT 227B	ADVANCED ANIMAL NURSING	04.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
A course in small animal diseases and management.		
VETT 235B	ANESTHESIA, SURGICAL NURSING AND DENTAL PROCEDURES	04.0
<i>Prerequisite:</i> VETT 110B, VETT 225B and must be admitted to the Veterinary Technician Program.		
This course consists of three sections: anesthesia, surgical nursing and dental procedures. The anesthesia section includes an overview of pharmacology, the use and application of anesthetic agents, the physiological effects of anesthetic agents, monitoring procedures, pain management, and basic anesthetic protocol. The surgical nursing section includes the understanding of sterile techniques including the methods, by which sterilization is achieved, appropriate behavior in a surgical setting, care of equipment and instruments, and the roles of the operating room staff. The dental section includes a basic understanding of dental anatomy, instrument identification and function, dental exams and cleaning, personnel safety and client education. Three hours of lecture and three hours of lab per week.		
VETT 240B	LARGE ANIMAL MEDICINE	04.0
<i>Prerequisite:</i> VETT 110B and must be admitted to the Veterinary Technician Program.		
This course includes large animal husbandry, restraint techniques, diseases, nursing and herd health management. The student will acquire the knowledge and skills through lecture and laboratory. Special topics include anatomy, reproduction and nutrition will also be discussed as they relate to each species. Three hours of lecture and three hours of lab per week.		
VETT 250B	SMALL ANIMAL CRITICAL CARE	03.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
A course in procedures, nursing and diseases with respect to the critically ill patient. <i>Prerequisite:</i> Admission to the veterinary technician program and successful completion of the first semester of the veterinary technician program.		
VETT 266B	DIRECTED CLINICAL PRACTICES	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
An externship allowing students to observe companion, food and equine practices. Students will observe all aspects of a working clinic. Externships will allow valuable exposure to the reception area, treatment and surgical areas, radiology, laboratory, kennel and stables.		
VETT 267B	ADVANCED CLINICAL PRACTICES	02.0
<i>Prerequisite:</i> Must be admitted to the Veterinary Technician Program.		
An externship allowing student's to participate in every aspect of a companion animal, food animal and equine practices. Student's will participate in all aspects of a working clinic, under direct supervision. Externships will allow valuable exposure to the reception area, treatment and surgical areas, radiology, laboratory, kennel and stales. <i>Prerequisite:</i> Completion of all required courses in the veterinary technician program.		

WELDING

WELD 101B	BASIC METALS	03.0
<i>Prerequisite:</i> None		
Basic techniques of metal forming and fabrication using drill press, lathe, milling machine; soldering; brazing; oxyacetylene and electric arc welding. Formerly MTL 100B.		
WELD 111B	BEGINNING WELDING FOR ART	03.0
<i>Prerequisite:</i> None		
Basic techniques of design and fabrication of metal sculpture, with oxy-fuel, arc welding, various hand tools. Use copper, brass, and steel to build sculptures. Formerly MTL 240B and MTL 163B.		
WELD 121B	ADVANCED WELDING FOR ART	04.0
<i>Prerequisite:</i> WELD 111B.		
This course is a continuation of WELD 111B, Beginning Welding for Art. Improving techniques learned in Welding for Art I and learning the use of new equipment and processes. The student will continue to develop skills necessary to produce metal sculpture. Formerly MTL 263B.		
WELD 198B	SPECIAL TOPICS IN WELDING	00.5-06.0
<i>Prerequisite:</i> None		
Various short courses and experimental classes covering a variety of subjects. The course will be a variable credit of one-half to six credits depending on the course content and number of hours required. The course may be repeated for up to six credits. Formerly MTL 198B.		

WELDING

WELD 211	WELDING I	03.0
<i>Prerequisite:</i> 20/20 vision (corrected), good hand-eye coordination, general good health. Must be taken concurrently with WELD 212B.		
This course introduces the learner to the world of welding. The course includes general shop safety and environmental issues; introduction to oxygen/fuel gas supply systems, the oxyfuel cutting process, and the SMAW (Shielded Metal Arc-Welding) process; and an introduction to interpreting basic welding symbols. Formerly MTL 212.		
WELD 212B	WELDING I PRACTICE	02.0
<i>Prerequisite:</i> None		
The oxyfuel section will develop the student's manual skills necessary to produce high quality flame cuts using manual operated flame cutting equipment and accessories. The student learns and practices the set up processes for the equipment for all phases of oxyfuel cutting. The shielded metal-arc welding (SMAW) section develops entry-level skills for welders. This course specifically develops basic SMAW skills as striking the arc, maintaining proper arc length, adjusting equipment and manipulating the electrode. WELD 212B is required concurrently with WELD 211, but may be taken as a separate course. This course may be repeated for up to six credits. Formerly MTL 291B.		
WELD 221	WELDING II	03.0
<i>Prerequisite:</i> WELD 211 and 212B. Must be taken concurrently with WELD 222B.		
This course is a continuation of Welding I and emphasizes SMAW vertical and overhead positions and machine oxyfuel gas cutting. In addition, the course introduces GMAS (gas metal arc welding) and air carbon arc cutting. Formerly MTL 213.		
WELD 222B	WELDING II PRACTICE	02.0
<i>Prerequisite:</i> WELD 211 and 212B or approval of instructor.		
This course is designed to give learners the opportunity to hone their skills in oxyfuel machine cutting, SMAW vertical and overhead positions, GMAW basic skills and air carbon arc cutting processes. Ample practice time is allocated to perfect skills and complete lab assignments. WELD 222B is required concurrently with WELD 221, but may be taken as a separate course. This course may be repeated for up to six credits. Formerly MTL 292B.		
WELD 225B	INDEPENDENT STUDY	01.0-06.0
<i>Prerequisite:</i> Instructor approval.		
This course is designed for the student who has a particular interest in welding and wants to concentrate in that area. This is a contractual course. Formerly MTL 225B.		
WELD 231B	WELDING III	03.0
<i>Prerequisite:</i> WELD 221 and 222B or instructor approval. WELD 232B must be taken concurrently.		
This course is a continuation of Welding II and focuses on the GMAW and the FCAW processes. The Air Carbon Arc Cutting section will further develop skills in the process. The student will develop skills required to make fillet and groove welds in all positions using GMAW and FCAW processes. The student will be introduced to the Plasma Arc Cutting Process. Formerly MTL 217B.		
WELD 232B	WELDING III PRACTICE	02.0
<i>Prerequisite:</i> WELD 221 and 222B or instructor approval.		
This course is designed to give learners the opportunity to hone their skills in the GMAW and FCAW processes in all positions by providing them with hands-on time and individual instruction. The learner will also practice Air Carbon Arc Cutting and Plasma Arc Cutting on ferrous and nonferrous materials. Ample practice time is allocated to perfect skills and complete lab assignments. WELD 232B is required concurrently with WELD 231B, but may be taken as a separate course. This course may be repeated for up to six credits. Formerly MTL 293B.		
WELD 241B	WELDING IV	01.0-06.0
<i>Prerequisite:</i> WELD 231B and 232B or instructor approval. WELD 242B must be taken concurrently.		
This course is a continuation of MTL 217B and places an emphasis on the GTAW process in all positions on ferrous and nonferrous materials. This course also covers the advanced FCAW process and concentrates on the skills needed to pass the AWS certification test in all positions using the FCAW process. The Student at this level of training may opt to develop skills in the welding of pipe using the SMAW or FCAW processes. Formerly MTL 218B.		
WELD 242B	WELDING IV PRACTICE	02.0
<i>Prerequisite:</i> WELD 231B and 232B or approval of instructor.		
This course is designed to give learners the opportunity to work on their skills in the GTAW process, perfect their skills in the FCAW process by providing them with individualized instruction and full hands-on practice in preparation and welding of ferrous and nonferrous materials. At this point in training students may also start developing skills necessary to weld pipe using the SMAW or FCAW processes. Ample practice time is allocated to perfect skills and complete lab assignments. WELD 242B is required concurrently with WELD 241B, but may be taken as a separate course. This course may be repeated for up to six credits. Formerly MTL 294B.		
WELD 250B	WELDING CERTIFICATION PREPARATION	01.0-12.0
<i>Prerequisite:</i> WELD 241B or instructor approval.		
This course is a contractual course designed for the advanced student who is pursuing AWS (American Welding Society), ASME (American Society of Mechanical Engineers), or API (American Petroleum Institute) certification(s). This course is also beneficial to the student requiring additional hands-on practice in order to better their individual skill in a selected process or processes. Instruction will be given on an individual basis. Formerly MTL 296B. Repeatable up to 12 credits.		

WELDING

WELD 290B INTERNSHIP IN WELDING 01.0-08.0

Prerequisite: None

This course is designed for the student who wants to get practical on-the-job training in welding with a local company. 200 working hours per credit. Formerly MTL 290B.

WILDLAND FIRE SCIENCE

WF 205B FIRE OPERATIONS IN THE URBAN INTERFACE 03.0

Prerequisite: None

WF 244B FIELD OBSERVER 02.0

Prerequisite: Suppression qualified as any single resource boss. Skilled in the use of maps, making map calculations and utilizing hand held weather/survey instruments. Must not be susceptible to air sickness. Prescribed fire-qualified as firefighter(FFT2).

Field Observer is designed to provide the skills needed to perform tasks seven through 21 in the field Observers Job Task Book. Topics covered are: mapping from aircraft, observing field conditions, reporting hazardous situations, maintaining field maps, calculating, measuring, identifying and estimating fire behavior, safety in field observations, transmitting field data and collecting and analyzing data.

WOMEN'S STUDIES

WMST 101 INTRODUCTION TO WOMEN'S STUDIES 03.0

Prerequisite: None

Interdisciplinary analysis of women in culture and society from historical and cross-cultural perspectives. Formerly WS 101.



FACULTY OF THE COLLEGE

Faculty and Staff

A

ABERASTURI, PAUL

Community College Professor, Visual and Performing Arts, 2001
Department Chair, Visual and Performing Arts
University of Nevada, Reno, NV, B.S.
San Diego State University, San Diego, CA, M.A.

ADAMS, DAN

Community College Professor, Employability Skills and Student Success Skills, 1978
University of Nevada, Reno, NV, B.S., M.Ed.

ADLISH, JOHN

Dean, Arts and Humanities
Community College Professor, Biology, 1991
University of Nevada, Reno, NV, B.S., Ph.D.

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Network Support Specialist, Information Technology Operations, 2001
Truckee Meadows Community College, Reno, NV, A.A.S.

ALLEN, SCOTT

Community College Professor, Automotive, 1999
Cadillac Certified Master Technician
ASE Certified Master Technician
General Motors Certified Master Technician

ALQUIST, SCOTT

Coordinator, Industrial Safety and Regulatory Compliance Center, 2003
Certified Environmental Inspector
Certified Hazardous Materials Responder/Trainer
Certified FEMA Instructor
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Executive Assistant, Academic Affairs, 1991
Ohlone College, Fremont, CA
Truckee Meadows Community College, Reno, NV

ANDERSON, CAL

Webmaster, Applications Development, 2000
Las Positas College, Livermore, CA, A.A.
University of Nevada, Reno, NV, B.S.

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Community College Professor, Architecture, 1988
College of the Desert, Palm Desert, CA, A.A.
California State Polytechnic College, San Luis Obispo, CA, B.S.
University of Nevada, Reno, NV, M.S.

ARNOLD, EDGAR

Assistant Director, Facilities, 2003
Parks University, Parkville, MO, B.S.

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Community College Instructor, Mathematics, 2005
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Learning Specialist, Disability Resource Center, 2006
California State University, Sacramento, CA, B.A., M.S.

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Community College Professor, Accounting, 1995
University of Nevada, Las Vegas, NV, B.S.
State of Nevada, C.P.A.

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Assistant Controller, Controller's Office, 1990
Fort Lewis College, Durango, CO, B.A.
State of Nevada, C.P.A.

B

BAINES, ELIZABETH

Community College Professor, English, 2002
University of Nevada, Reno, NV, B.A., M.A.

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Community College Professor, Humanities/English, 1976
The Municipal University, Omaha, Omaha, NE, B.A.
The University of Nebraska, Omaha, NE, M.A.

BAKER, CARL

Information Technology Programmer, Applications Development, 2003

BAKER, DEBORAH

Community College Professor, Radiologic Technology, 1982
Program Coordinator, Radiologic Technology
Northern Arizona University, Flagstaff, AZ, B.S., M.R.
McKenna Hospital School of Radiologic Tech., Sioux Falls, SD, Cert.

BALE, STEVEN

Community College Professor, Computer Technologies, 2000
Department Chair, Business Studies
Brigham Young University, Provo, UT, B.S., M.P.A., J.D.

BECERRA, MANUEL

Web Support Technician, Applications Development, 2005

BEIN, ERIKA

Community College Instructor, English, 2004
University of Nevada, Reno, NV, B.A., M.A.
University of Louisville, KY, M.A.

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Community College Instructor, Paralegal/Law, 1999
University of Nevada, Reno, NV, B.A.
McGeorge School of Law, Sacramento, CA, J.D.

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Marketing Manager, Workforce Development and
Continuing Education Division, 1996
University of Nevada, Reno, NV, B.A.
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BIANCA-DEBAY, CLAUDIA

Curriculum Coordinator, ABE/ESL, 2002
Dominican College, San Rafael, CA, M.S.
Sonoma State University, Rohnert Park, CA, B.S.
College of Marin, Kentfield, CA, A.A.

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Community College Instructor, Nursing, 2005
Massacoit Community College, Brockton, MA, A.D.N.
New England College, Henniker, NH, B.A.

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TCP/IP Network Analyst

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Senior Programmer/Analyst, Applications Development, 2001
University of California, Riverside, CA,
Mt. San Antonio College, Walnut Creek, CA
Citrus College, Glendora, CA

MOORE, TY

Assistant Registrar, Admissions and Records, 2004
University of Nevada, Reno, NV, M.A., B.A.
Feather River College, Quincy, CA, A.A.

MORTENSEN, CINDY

Community College Professor, Computer Technologies, 1999
University of Nevada, Reno, NV, B.S.
Lesley College, Cambridge, MA, M.Ed.

MUHLE, JULIE

Community College Professor, Dental Assisting, 1999
Dental Assisting Program Coordinator
Truckee Meadows Community College, Reno, NV, A.G.S., A.A.S., C.D.A.

MYERS, LINDA

Senior Accountant/Auditor, Controller's Office, 2005
Santa Monica College, Santa Monica, CA, A.A.
University of Nevada, Reno, NV, B.S.

N

NAUMER, CAROLA

Community College Professor, Art History, 1999
San Francisco State University, San Francisco, CA, B.A., M.A.
Florida State University, Tallahassee, FL, Ph.D.

NEW, JIM

Associate Dean, Applied Industrial Technologies, 1998
College of Eastern Utah, Price, UT, A.A.S.
Utah State University, Logan, UT, B.S., M.S.

NEWHALL, WILLIAM S.

Community College Professor, Mathematics 1979
University of California, Davis, CA, B.S.

NICOLET, DIANE

Director, E.L. Cord Child Care Center, 1996
University of Northern Colorado, Greeley, CO, B.A.
Webster University, St. Louis, MO, M.A.T.

NOREEN, MICHELE

Community College Instructor, Veterinary Technology, 2005
Drexel University, Philadelphia, PA, B.S.
North Carolina State University, Raleigh, NC, D.V.M.

NORTH, BJ

Chief Advancement Officer and Executive Director of the Foundation, 2004
University of Nevada, Reno, NV, B.S.

NYSWONGER, NEVIN

Community College Instructor, Diesel Technology, 2005
American River College, Sacramento, CA, A.A.

O

O'GORMAN, DEB

Director, Workforce Development and Continuing Education Division, 1998
further education college of Wyoming, Laramie, WY, B.S., M.B.A.

ODYNSKI, KATHERINE L.

Assistant Dean, Workforce Development and Continuing
Education Division, 1983
University of Nevada, Reno, NV, B.S.

OETJEN, JASON

Research Analyst, Institutional Research and Assessment, 2005
University of Nevada, Reno, NV, B.S.

OLSEN, JEFF

Community College Instructor, Mathematics, 2003
Humboldt State University, Arcata, CA, B.S.
University of California, Davis, CA, M.S.
University of Oregon, Eugene, OR, M.S.

ORHEIM, MOLLY

Recruitment Specialist, Student Outreach & Testing Services, 2005
Washington State University, Pullman, WA, B.A.
University of Nevada, Reno, NV, M.Ed.

OSWALD, KELLY

Community College Instructor, Manufacturing Technologies, 2005
Pikes Peak Community College, Colorado Springs, CO, A.A.S.

OWENS, THEODORE

Community College Instructor, Music, 2004
University of Oklahoma, Norma, OK, B.M., M.M.

Faculty and Staff

OXHORN, BRIAN

Community College Instructor, Nursing, 2006
Drexel University, Philadelphia, PA, M.S.N.
University of Nevada, Reno, NV, B.S.N., Ph.D.

OZBEK, KAREN

Community College Instructor, English, 1984
Illinois Valley Community College, Ogleby, IL, A.A.
Southern Illinois University, Carbondale, IL, B.A., M.A.

P

PERRY, GABRIEL F.

Community College Professor, Automotive, 1979
General Motors Institute, Certificate
Carter Carburetor Division ACF Motors, Diploma
United Delco Division, General Motors Corp., Six Certificates
Gasoline Engines, Dana Corp., Certificate
NATEF, ASE Certified Master Automotive Technician

PHINNEY, NADINE L.

Librarian, Elizabeth Sturm Library, 1983
Oregon State University, Corvallis, OR, B.S., B.A.
University of Oregon, Eugene, OR, M.L.S.
University of Nevada, Reno, NV, M.A.

PIERCY, EARL

Community College Professor, Sociology, 1992
Sonoma State College, Rohnert Park, CA, B.A.
San Francisco State University, San Francisco, CA, M.A.

PLAGGEMEYER, TED

Dean, Mathematics, Science, Engineering and Technology, 2005
University of Great Falls, Great Falls, MT, B.S.
Montana State University, Bozeman, MT, M.S.

POOLE, SUSAN

Director, Development and Prospect Research, 1998
Mills College, Oakland, CA, B.A.

PORTER, PATRICIA

College Recruiter (Specialist), Student Outreach & Testing Services, 2003
University of Nevada, Las Vegas, NV, B.A.

PORTER, REBECCA F.

Community College Professor, Mathematics, 1983
University of Nevada, Reno, NV, B.S., M.S.

PREECE, NOLAN

Community College Instructor, Art, 2003
Utah State University, Logan, UT, M.F.A., B.S.

R

RAINEY, MICHAEL

Dean, Workforce Development and Continuing Education, 1987
University of Oregon, Eugene, OR, B.S.
Human Resources Certification Institute, S.P.H.R.

REES, JOSEPH

Information Technician, Media Services, 2006
California College of Arts, Oakland, CA, B.F.A., M.F.A.

REID, JOHN

Community College Professor, History, 1999
Department Chair, History, Political Science and Law
University of Nevada, Reno, NV, B.A., M.A.
Michigan State University, MI, Ph.D.

REINHARDT, ELSI

Community College Professor, Mathematics, 1985
University of Nevada, Reno, NV, B.S., M.S.

RENDLEMAN, ELIOT

Coordinator, Writing Center, 2006
University of Michigan, Flint, MI, B.A.
University of Nevada, Reno, NV, M.A.

RICHTER, DEBORAH

Community College Professor, Business and Management, 1989
California State University, Chico, CA, B.S.
California State University, Sacramento, CA, M.B.A.

RINALDI, ROSEMARY

Community College Professor, Nursing, 1991
Illinois Valley Community College, Ogleby, IL, A.S.
Bradley University, Peoria, IL, B.S.N.
University of Nevada, Las Vegas, NV, M.S.N.

RINGKOB, PAULA

Community College Professor, Accounting, 1983
Iowa State University, Ames, IA, B.S.
University of Nevada, Reno, NV, M.B.A.
State of Nevada, C.P.A.

RINGLE, PHILIP M.

President, 2002
Kent State University, OH, B.S., M.Ed., Ph.D.

RIVERS, VIRGINIA

Community College Professor, Environmental Science, 1985
California State University, Hayward, CA, B.S.
San Diego State University, San Diego, CA, M.S.

ROBERTS, DAVID

Director, Facilities, 2006
University of Florida, Gainesville, FL, B.S.
Troy State University, Tampa, FL, M.S.

ROBINSON, STEVEN

Community College Instructor, Culinary Arts, 2006
Culinary Institute of America, A.A.S.

RODERICK, JAMES E.

Community College Professor, English, 1995
California State University, Northridge, CA, B.A.
San Francisco State University, San Francisco, CA, M.A.

ROMO, CARLOS

Director, Equity and Diversity, 2004
University New Mexico, Albuquerque, NM, B.A.
Tulane University, New Orleans, LA, M.A., Ph.D.

RUBALCAVA, MICAELA

Community College Professor, Education Teacher Prep, 1999
Stanford University, Stanford, CA, M.A.
University of California, Berkeley, CA, B.A., Ph.D.

RUF, BRIAN

Community College Professor, Engineering Drafting, 1996
University of Nevada, Reno, NV, B.S.

RUGG, KEITH

Public Relations Assistant, Workforce Development and Continuing Education, 2006
Grinnell College, Grinnell, IA, B.A.

RUSSELL, NATALIE

Community College Instructor, English, 2006
San Francisco State University, San Francisco, CA, M.A.
University of Nevada, Reno, NV, B.A.

S

SALABER, STEPHEN

Controller, Controller's Office, 2000
University of Nevada, Reno, NV, B.S.
State of Nevada, C.P.A.

SANCHEZ, VICTOR

Network Administration Specialist, Information Technology Operations, 2006
University of Phoenix, Seattle, WA, B.S.

SANFORD, DELORES

Vice President for Finance and Administration, 2003
University of Alabama, Tuscaloosa, AL, B.S.
Pepperdine University, Malibu, CA, M.B.A.

SANFORD, PATTI

Community College Instructor, Dental Hygiene, 2004
San Jose State University, San Jose, CA, M.A.
University of Southern California School of Dentistry, Los Angeles, CA, B.A.

SAROIAN, RUTH

Student Services Specialist, Education Centers' Student Services, 2001
University of Oregon, Eugene, OR, B.A.

SAUNDERS, LINDA

Community College Professor, Nursing, 1986
State University of New York, Plattsburg, NY, B.S.N.
Kent State University, Kent, OH, M.Ed.
State University of New York, Syracuse, NY, M.S.N.

Faculty and Staff

SCALLY, CHRISTINA

Community College Professor, ESL/English, 2001
ESL Coordinator
University of Oregon, Eugene, OR, B.A.
University of Idaho, Moscow, ID, M.A.

SCALLY, JOHN

Community College Professor, Philosophy/Ethics, 1990
University of Portland, Portland, OR, B.A.
University of Oregon, Eugene, OR, D.A.

SCHEIBLE, BEN

Community College Professor, Real Estate, 1998
Stanford University, Stanford, CA, A.B.
Univ. of the Pacific, McGeorge School of Law, Sacramento, CA, J.D.

SCHENK, STEVE

Community College Instructor, Biology, 2006
Florida State University, Tallahassee, FL, M.S.
Duke University, Durham, NC, B.S.

SCOTT, CHERYL

Research Analyst, Institutional Research and Assessment, 2003
Indiana University, Indianapolis, IN, M.S.
Houghton College, Houghton, NY, B.S.

SCOTT, CRAIG

Senior Budget Analyst, Budget, 2000
Central Michigan University, Mt. Pleasant, MI, B.S.

SCOW, SR., RAYMOND K.

Community College Instructor, ATEC, AIT Division, 1997
ASE Certified Master Technician
ASE Certified Advanced Engine Performance L1
ASE Certified Air Conditioning Recovery/Recycling
Chrysler Corporation Master Technician 25 years
Nevada Smog License G1 and G2

SEFCHICK, ANASTASIA

Corporate and Community Relations Manager, Workforce Development
and Continuing Education, 2002
Universidad Iberoamericana, Mexico, B.A.

SEPTIEN, JOHN M.

Community College Professor, Welding, 1982
American Welding Society, Certified
American Society of Mechanical Engineers, Certified
Journeyman Pipefitter, Local Union 191
Apprenticeship Program Local Union 192
Bechtel Corp., Certified
Stearns and Rogers Corp., Certified Welder
Management Training Corp., Certified Welding Instructor

SHAFER, RALPH

Community College Professor, Computer Technologies, 1991
University of Maryland, College Park, MD, B.S.
George Washington University, Washington, DC, M.B.A.
MCT - Microsoft Certified Trainer
MCSE - Microsoft Certified Systems Engineer
CCNP - Cisco Certified Network Professional
CCAI - Cisco Certified Academic Instructor
CTT - Certified Technical Trainer
A+ - PC Technician Certification
Network+ - Certified Network Technician

SIEGEL, NEIL

Librarian, Elizabeth Sturm Library, 1996
State University of New York, Albany, NY, B.A.
Queens College of the City University of New York, New York, NY, M.L.S.

SIMONE-CALL, ANDREA

Coordinator, Fitness Center, 2004
Pittsburg State University, Pittsburg, KS, B.S.Ed., M.S.Ed.
US Coast Guard Marine Science Technician "A" School, Yorktown, VA, M.S.T.

SLAVIN, PATRICIA E.

Associate Dean, Extended Day Services, 1983
Cabrillo Junior College, Aptos, CA, A.A.
San Jose State College, San Jose, CA, B.A.

SMILANICK, G. PHILLIP

Community College Professor, Accounting, 1991
University of Nevada, Reno, NV, B.S., M.B.A.

SMITH, LAURIE

Special Projects Liaison, Workforce Development and Continuing Education, 1989
Truckee Meadows Community College, Reno, NV, A.A.

SOSNOWSKI, HENRY

Community College Instructor, English, 2006
University of Nevada, Reno, NV, B.A., M.Ed.

SOTELO, HENRY

Community College Instructor, Paralegal/Law, 2001
University of Nevada, Reno, NV, B.A.
McGeorge School of Law, Sacramento, CA, J.D.

SOUZA, TRAVIS

User Consultant/Instructional Web Technician, Teaching Technologies, 2001
Truckee Meadows Community College, Reno, NV, A.A.

STAGE, JULIE

Community College Professor, Dental Hygiene, 1999
Northern Arizona University, Flagstaff, AZ, B.S.

STREEPER, STEVEN M.

Community College Professor, Economics and Statistics, 1990
University of Wyoming, Laramie, WY, B.A., M.S., M.A.

STUBBS, MARY

Community College Professor, Nursing Assistant Program, 1997
Coordinator, Nursing Assistant Program
City College of San Francisco, S.F., CA, A.S.
University of Nevada, Reno, NV, B.S.

SULLIVAN, SIDNEY

Employment Specialist, Re-Entry Center, 2004
University of Montana, Missoula, MT, B.A.

SUMMERHILL, BRAD

Community College Instructor, English, 2003
University of Arkansas, Fayetteville, AR, M.F.A.
University of Virginia, Charlottesville, VA, B.A.

SUSSMAN, JENNIFER

Information Specialist, Human Resources, 1999
Truckee Meadows Community College, Reno, NV, A.A.S.

SWANK, CRYSTAL

Community College Instructor, Early Childhood Education, 2004
University of Nevada, Reno, NV, M.S., B.S.
Truckee Meadows Community College, Reno, NV, A.A.

T

TEIRUMNIKS, MARIA

Community College Professor, Sociology, 1979
Indiana University, Bloomington, IN, B.A., M.A.
State University of New York, Albany, NY, Ph.D.

THOMASSON, SUSAN

Counselor, Veterans Upward Bound, 1993
San Jose State University, San Jose, CA, B.S.
California Poly State University, San Luis Obispo, CA, M.A.Ed.

TURBOW, SUSAN

Community College Professor, Early Childhood Education, 1986
University of Cincinnati, OH, B.S.
Michigan State University, East Lansing, MI, M.A.

TURNER, BEVERLY

Community College Professor, Foreign Language, 1990
Illinois State University, Normal, IL, B.A.
University of Maryland, College Park, MD, B.S.
Colorado State University, Fort Collins, CO, M.A.
University of Nevada, Reno, NV, Ed.S.

TURNER, JUDY

Outreach Counselor, Veterans Upward Bound, 1989
California State University, Chico, CA, B.A.
University of Nevada, Reno, NV, M.A.

TWITCHELL, BARBARA

Director, Re-Entry Center, 1994
St. Johns University, Jamaica, N.Y., B.A.
No. Arizona University, Flagstaff, AZ, M.A.

TWITCHELL, WIRT

Director, Academic Advisement and Career Services, 1988
Northern Arizona University, Flagstaff, AZ, B.S., M.A., M.A.Ed.
University of Nevada, Reno, NV, Ed.S.

Faculty and Staff

W

WALLACE, JEFF

Community College Instructor, Computer Technologies, 2003
University of Southern California, Los Angeles, CA, MFA film
Santa Clara University, Santa Clara, CA, M.B.A.
University of Michigan, Ann Arbor, MI, B.S.C.S.

WATERS, RICHARD K.

Community College Professor, Humanities, 2002
Portland State University, Portland, OR, B.A.
University of California, Berkeley, CA, M.A.
University of New Mexico, Albuquerque, NM, Ph.D.

WEBB, JASON

Network Administration Specialist, Information Technology Operation, 2005
Truckee Meadows Community College, A.A.S.

WHITEHURST, NEIL

Community College Professor, Journalism, 1999
San Jose State University, San Jose, CA, B.A., M.S.

WILLIAMS, AMY

Program Manager, Workforce Development and Continuing Education, 2005
William Jewell College, Liberty, MO, B.A.

WILLIAMS, ANTHONY

Associate Dean, Student Services, 2006
Carroll College, Helena, MT, B.A.
Western Washington University, Bellingham, WA, M.Ed.

WILLIAMS, DANIEL J.

Community College Instructor, Biology, 2003
University of Alabama, Auburn, AL, M.S.
Arizona State University, Tempe, AZ, B.S., B.A.

WILSON, LINDSAY

Community College Instructor, English, 2006
University of Idaho, Moscow, ID, M.F.A.
University of Wyoming, Laramie, WY, B.A., M.A.

WINSLOW, CHRIS

Executive Director, Information Technology Operations, 1998
University of Nevada, Reno, NV, B.A.
University of Maryland, College Park, MD, M.G.A.

WINSLOW, NADINE

Executive Assistant, Student Services, 2005
California State University, Sacramento, CA, B.A.
Westminster College of Salt Lake City, Salt Lake City, UT, Paralegal Certificate

WINSTON, JAMES

Community College Professor, Mathematics, 1986
University of California, Berkeley, CA, B.A.
San Jose State, San Jose, CA, M.S.

WITZLEBEN, ANNE

Community College Instructor, ESL, 2005
Santa Clara University, Santa Clara, CA, B.A.
University of Nevada, Reno, NV, M.A.

WOEHR, CHERYL

Counselor, Counseling, 1985
California State University, Chico, CA, B.A., M.A.

WRAY, CAROLYN

Community College Professor, Visual and Performing Arts, 1991
Cal State University, Fullerton, CA, B.A., M.A.
University of Nevada, Reno, NV, M.A.

WRIGHT-SANDERS, BARBARA

Dean, Health Sciences and Safety, 2001
Youngstown State University, B.A., M.A.
University of San Francisco, San Francisco, CA, Ed.D.

Y

YARNEVICH, JOHN

Community College Professor, History, 1991
University of Kansas, Lawrence, KS, B.S.
Northern Arizona University, Flagstaff, AZ, M.A.

YOUNG, SR., JONATHAN D.

Community College Professor, Automotive Technology 1990
Southern Utah State College, Cedar City, UT, B.A.
Northern Arizona University, Flagstaff, AZ, M.A.
ATEC Program Lead Instructor
ASE Certified Master Technician
ASE Certified Advanced Engine Performance LI
ASE Certified Air Conditioning Recovery/Recycling
ASE Certified Alternate Fuels - Light Vehicle CNG

Z

ZAHEDNI, MITRA

Technical Assistant, ABE/ESL, 2006

ZIDECK, STEPHEN

Director, Applications Development, 1983
University of Nevada, Reno, NV, B.S.

Faculty Emeritus

AYARBE, JOSEPH P.

Director, Financial Aid and Student Employment, 1969

BARNES, FRANK C. †

Department Chair, Public Service, 1977

BENNETT, ANNE-LOUISE

Executive Director, Foundation & Institutional Advancement, 1981

BOARDMAN, DAVID

Community College Professor, Environmental Control Technology, 1985

BOCCHESI, VERONICA †

Community College Instructor, Nursing, 1977

BOME, MARGARET

Community College Professor, English, 1984

BOWEN, CHARLOTTE

Counselor, Counseling, 1973

BRAND, RICHARD †

TMCC Vice-President, Academic Affairs, 1988

BRYCHTA, THERESE A.

Community College Professor, English, 1980

BURNHAM, FRANK J.

Director, Planning and Administrative Services, 1972

BUTTON, DOROTHY J.

Community College Instructor, Nursing, 1978

CASERTA, JOHN A.

Dean, Adult and Community Education, 1974

CHALMERS, ESTHER

Community College Instructor, Nursing, 1973

CLAYBROOK, JAMES ††

Counselor, Counseling, 1974

COFFMAN, SIGRUN

Community College Professor, English/Department Chair, Humanities, 1984

CONKEY, JAMES

Community College Professor, Biology, 1973

COONEY, MATA-MARIE

Reference Supervisor, Library, 1977

CORTEZ, AURORA

Community College Professor, English, 1979

DAIN, JO ANNE

Community College Professor, Word Processing, 1973

DAVIS, CYNTHIA

Community College Professor, Mathematics, 1984

DOSER, ELSIE

Assistant Vice-President, Institutional Effectiveness and Research, 1982

DOSER, JOSEPH

Department Chair, Accounting/Business, 1974

EARDLEY, V. JAMES

TMCC President, 1973

EMBRY, CHARLTON RAY

Community College Professor, English, 1973

FRANDSEN, JERALD †

Community College Professor, Real Estate, 1977

FUNKHOUSER, PAULA

Dean, Business & Computer Technologies, 1983

GARNER, KAREN

Executive Director Development/Affirmative Action Officer, 1978

GARAVANTA, LES

Community College Professor, Diesel Technology, 1989

GOFF, MARJORIE †

Community College Instructor, Nursing, 1973

GRIMM, BARBARA K.

Community College Professor, Computer and Office Technology, 1989

GROSHONG, JIMM †

Director, Plants & Facilities, 1997

HANCOCK, EDWARD

Community College Professor, Communications, 1974

HENNINGS, DENNIS

Community College Professor, Architecture, Drafting and Engineering, 1980

HOLDERMAN, ORVILLE L.

Divisional Chairman, Industrial/Technical, and Public Service, 1973

HOUSDEN, THERESA ††

Community College Professor, Mathematics, 1998

HUNEYCUTT, RITA

TMCC Senior Vice President, 1980

JOHNSON, KENNETH E.

Director, Admissions and Records Management Information Systems, 1973

JOHNSON, MAX K.

Executive Assistant, 1972

KLEINE, CARROYL †

Director, Personnel, 1987

LAURITZEN, ERIK

Community College Professor, Fine Arts, 1991

LEFEBVRE, ERNESTINE †

Community College Instructor, Radiological Technology, 1971

LEWIS, ALLEN M.

Community College Professor, Computer and Office Technology, 1978

LUCCHESI, LEON

Community College Professor, Electronics, 1987

LUCCHESI, KATHLEEN

Student Services, 1987

MACDONALD, SCOTT

Director, Advanced Technology, 1985

MARGERUM, DONNA

Community Services, General Studies, 1991

MARTIN-MATHEWS, BERNICE

Director, Nursing and Health Sciences, 1971

MATHISEN, JACQUELINE

Counselor, Counseling, 1983

MCCLURE, DANIEL †

Counselor, Counseling, 1987

METCALF, CAROL

Community College Professor, Nursing, 1989

MIDDLEBROOKS, DELORIS

Community College Professor, Nursing, 1973

MULDER, HELEN

Cooperative Education, 1973

MUNSON, BERT O. †

Dean of Instruction, 1972

OAKLEY, CHAUNCEY †

Community College Instructor, Mathematics, 1971

PONTRELLI, N. JEAN

Community College Professor, English, 1971

RAY, JOCELYN

Counselor, Counseling, 1983

REED, THOMAS A.

Assistant Director, Financial Aid, 1996

RIEL, MARYJEAN A. †

Community College Instructor, Mathematics, 1979

ROBERTSON, JUDY CHILCOTT

Community College Professor, Mathematics, 1998

ROSE, ROBERT I.

Community College Professor, Mathematics, 1973

SKIVOFILAKAS, GEORGE †

Community College Professor, Food Service, 1980

STROUB, DEE H. †

Division Chair, Social Sciences, 1972

Faculty Emeritus

STURM, ELIZABETH †
Director, Learning Resource Center, 1976

TAVERNIA, GEORGE P.
Director, Administrative Services, 1972

TRETEN, BRAD
Community College Professor, Accounting, 1979

TUTEUR, LAWRENCE
Associate Dean, Instruction, 1991

WALKER, LLOYD
Community College Professor, Architectural Design, 1985

WEBB, LAURA
Dental Hygiene, 1998

WILKINS, DAVID †
Community College Professor, Mathematics, 1978

WOOD, CORA FAYE †
Community College Professor, Sociology, 1979

WOOD, KAREN
Community College Professor, Nursing, 1982

† Deceased

†† Posthumously

Faculty • n. (pl. -ies)
an aptitude



APPENDICES

APPENDIX A

ADMISSION TO THE COLLEGE

General Admission Requirements

1. All applicants must qualify for admission by satisfying at least one of the following criteria
 - A. be at least 18-years-old; or
 - B. be a graduate of a U.S. high school or its equivalent; or
 - C. qualify for early admission or admission as a qualified high school student (see policy below); or
 - D. be a qualified nonimmigrant (see policy below).

POLICY: Early Admissions and Enrollment Policy for Youth and High School Students

- a. High school juniors, seniors and the gifted and talented may be admitted or enrolled on the following basis
 1. Occupational, developmental, community services and college-sponsored courses (including certain NSHE transfers) with the recommendation of the high school principal or high school counselor.
 2. NSHE transfer courses: (a) high school junior with grade point average of 3.00 or above; (b) high school senior with grade point average of 2.50 or above; (c) gifted and talented students and (d) recommendation of high school principal.
- b. High school juniors and seniors, identified as vocational program completers, may be admitted and enroll based on written, articulated occupational program agreements with designated school districts.
- c. Students below high school junior standing may enroll on an audit basis in workforce development and continuing education courses only and must have the permission of their parents, school and principal.
- d. High school students who have been officially excused from compulsory school attendance on the condition of equivalent instruction outside the school may be admitted in accordance with the criteria above.
- e. Youth who do not meet the above criteria for admission may be considered on a case-by-case basis based on established performance and/or test standards determined by the college.

Students may apply for admission by completing the required form, submitting the required documentation and obtaining all necessary signatures. Applicants should come to the college well before registration begins so all requirements for admission, including required signatures, may be satisfied.

POLICY: Admission of nonimmigrant students

- f. Nonimmigrant applicants must satisfy the general admission policy of the college.
- g. International students on a F-1 visa who want an I-20 from TMCC must have completed all admission requirements two weeks prior to the beginning of the semester. The specific dates are published in each semester class schedule. The following items complete the international student request for admission.
 1. International student application for admission, with an international student application fee.
 2. Sponsor form completed and signed by the sponsor stating the student will have sufficient funds available each year to cover tuition and cost of living expenses. Official bank verification, in sponsor's name, dated within the last six months. Contact the admissions and records office at 775-673-7042 or refer to the International Student Application form.

3. Official evidence of an educational level equivalent to graduation from an accredited United States high school. Official transcripts of permanent academic records (must be in English). For prospective students, one copy each of the secondary school record and all post-secondary study is required. Applicants should have their transcripts certified or notarized by an appropriate official prior to submitting them for evaluation.
4. Students who speak English as a second language should be able to demonstrate English preparedness for college classes by having completed one of the following.
 - a. Minimum score of 500 (paper-based test) or 173 (computer-based test) on the International TOEFL examination. The official score report must be sent directly to TMCC from ETS (Educational Testing Service). Copies are not acceptable.
 - b. Receive recommendation for academic study from the Intensive English Language Center (IELC) at UNR.
 - c. Completion of Freshman Composition (ENG 101, 113 or equivalent) at a U.S. school.
 - d. International students who graduate from a U.S. high school may provide official high school proficiency examination passing English scores in reading and writing. Proof must be provided by either the Nevada High School Proficiency Examination Program or the equivalent counterpart from any other state as mandated by the federal No Child Left Behind requirements. Scores recorded on official high school transcripts will be acceptable.
 - e. International students admitted into the country on an I-20 from TMCC must be enrolled in the college as a full-time student (a minimum of 12 credit hours) until they complete their full course of study or transfer to another institution and meet the progression standards outlined in Appendix F.

2. Admission to TMCC implies general admission to the college only and does not constitute admission to a specific curriculum or courses which may require additional admission criteria.

APPENDIX B

REGULATIONS FOR DETERMINING RESIDENCY AND TUITION CHARGES

These regulations have been enacted to provide uniform rules throughout the Nevada System of Higher Education (the "System") and all member institutions thereof, for the purpose of determining whether students shall be classified as resident students or nonresident students for tuition charges.

Definitions

For the purposes of these regulations, the terms stated below shall have the following meanings.

1. "Alien" means a person who is not a citizen of the United States of America.
2. "Armed Forces of the United States" means the Army, the Navy, the Air Force, the Marine Corps and the Coast Guard on active duty and does not include the National Guard or other reserve force.
3. "Clear and convincing evidence" means evidence that is clear in the sense that it is not ambiguous, equivocal or contradictory and convincing in the sense that it is of such credible, reliable, authentic and relevant nature as to evoke confidence in the truth of it.
4. "Continuously enrolled" means enrollment within a normal academic year for which continuous enrollment is claimed. A person need not attend summer sessions or other between-semester sessions in order to be continuously enrolled.

5. "Date of matriculation" means the first day of instruction in the semester or term in which enrollment of student first occurs, except that at the University of Nevada School of Medicine it means the date that a notice of admittance is sent to a student, and at the community colleges it excludes correspondence courses and community service courses which are not state funded. A person who enrolled in an institution of the Nevada System of Higher Education but withdrew enrollment during the 100% refund period, may for the purposes of these regulations, be deemed not to have matriculated and any determination concerning residency status shall be voided until such time as the person again enrolls at a System institution.
6. "Dependent" means a person who is not financially independent and is claimed as an exemption for federal income tax purposes under Section 152 of the Internal Revenue Code (26 U.S.C. § 152) by another person for the most recent tax year.
7. "Family" means the natural or legally adoptive parent or parents of a dependent person, or if one parent has legal custody of a dependent person, that parent.
8. "Financially independent" means a person who has not been and will not be claimed as an exemption, for federal income tax purposes under Section 152 of the Internal Revenue Code (26 U.S.C. § 152) by another person, except his or her spouse, for the most recent tax year.
9. "Most recent tax year" means the income tax return submitted for the prior income year.
10. "Legal guardian" means a court appointed guardian of a dependent person, who was appointed guardian at least twelve (12) months immediately prior to the dependent person's date of matriculation and for purposes other than establishing the dependent person's residence.
11. "Nonresident" means a person who is not a resident.
12. "Objective evidence" means evidence that is verifiable by means other than a person's own statements.
13. "Relocated," means evidence of permanent, full-time employment or establishment of a business in Nevada prior to the date of matriculation.
14. "Residence," a term which for the purposes of these regulations is synonymous with the legal term "domicile," and means that location in which a person is considered to have the most settled and permanent connection, intends to remain and intends to return after any temporary absences. Residence results from the union of a person's physical presence in the location with objective evidence of an intent to remain at that location for other than a temporary purpose.
15. "Resident" means a person who has established a bona fide residence in the State of Nevada with the intent of making Nevada the person's true, fixed and permanent home and place of habitation, having clearly abandoned any former residence and having no intent to make any other location outside of Nevada the person's home and habitation. The term also includes a member of the Armed Forces of the United States who has previously established a bona fide residence in the State of Nevada, but who has been transferred to a military posting outside of Nevada while continuing to maintain a bona fide residence in Nevada. When residence for a particular period is required under these regulations, this shall mean that the person claiming residence for the period must be physically present and residing in Nevada during all of the period required, excluding temporary, short-term absences for business or pleasure.

16. "Returning student" means a student who reenrolls after a break in enrollment of one or more semesters. A "returning student" retains prior resident status, if any, as long as there is no indication that the student has established residency elsewhere.
17. "Student" means a person who is enrolled at an institution of the Nevada System of Higher Education.
18. "Tuition" means a monetary charge assessed against nonresident students which is in addition to registration fees or other fees assessed against all students.

Tuition Charges

1. Tuition shall not be charged to current enrollees or graduates of a Nevada high school.
2. Tuition shall be charged to nonresident students, except that at the community colleges no tuition shall be charged for registration in community service courses which are not state funded.
3. Tuition shall not be charged to a professional employee, classified employee, postdoctoral fellow, resident physician or resident dentist of the Nevada System of Higher Education currently employed at least half time, or the spouse or dependent child of such an employee.
4. Tuition shall not be charged to a graduate student enrolled in the Nevada System of Higher Education and employed by the System in support of its instructional or research programs, only during the period of time of such employment.
5. Tuition shall not be charged to a member of the Armed Forces of the United States on active duty, stationed in Nevada as a result of a permanent change of duty station pursuant to military orders, or a person whose spouse, family or legal guardian is a member of the Armed Forces of the United States stationed in Nevada as a result of a permanent change of duty station pursuant to military orders.
6. Tuition shall not be charged to a student enrolled in the University Studies Abroad Consortium or in the National Student Exchange Program, only during the period of time of such enrollment. Time spent in Nevada while a student is in the National Student Exchange Program shall not be counted towards satisfying the residence requirement Section 4, Paragraph 2 below, nor shall enrollment through the Consortium or the Exchange Program be included in the "date of matriculation" for evaluation of Nevada residency.
7. Tuition shall not be charged to members of federally recognized Native American tribes, who do not otherwise qualify as Nevada residents, and who currently reside on tribal lands located wholly or partially within the boundaries of the State of Nevada. (B/R 8/04)

Resident Students

As supported by clear and convincing evidence, any person to whom one of the following categories applies shall be deemed a resident student for tuition purposes:

1. Except as provided otherwise in this section, a dependent person whose spouse, family or legal guardian is a bona fide resident of the State of Nevada at the date of matriculation. Some or all of the following pieces of objective evidence of Nevada residency may be required with the student's application for enrollment.
 - a. Evidence of Nevada as the spouse's, parent's or legal guardian's permanent, primary residence at the date of matriculation (examples of evidence include home ownership, a lease agreement, rent receipts, utility bills).
 - b. The student's birth certificate or proof of legal guardianship.

- c. The spouse's, parent's or legal guardian's tax return for the most recent tax year, which indicates the student claimed as a dependent.
 - d. A Nevada driver's license or Nevada identification card for the spouse, parent or legal guardian issued prior to the date of matriculation.
 - e. A Nevada vehicle registration for the spouse, parent or legal guardian issued prior to the date of matriculation.
 - f. Nevada voter registration for the spouse, parent or legal guardian issued prior to the date of matriculation.
 - g. Evidence that the student's spouse, family or legal guardian has relocated to Nevada for the primary purpose of permanent full-time employment or to establish a business in Nevada (examples of evidence include a letter from the employer or copy of business license).
2. Except as provided otherwise in this section, a financially independent person whose family resides outside the State of Nevada, if the person himself or herself is a bona fide resident of the State of Nevada for at least twelve (12) months immediately prior to the date of matriculation. Some or all of the following pieces of objective evidence of Nevada residency may be required with the student's application for enrollment.
- a. Evidence of 12 months physical, continuous presence in the State of Nevada prior to the date of matriculation (examples of evidence include a lease agreement, rent receipts, utility bills).
 - b. The student's tax return for the most recent tax year, indicating a Nevada address. If no federal tax return has been filed by the student because of minimal or no taxable income, documented information concerning the receipt of such nontaxable income. If the student is under the age of 24, a copy of the parent's or legal guardian's tax return for the most recent tax year that indicates the student was not claimed as a dependent.
 - c. The student's Nevada driver's license or Nevada identification card issued prior to the date of matriculation.
 - d. The student's Nevada vehicle registration issued prior to the date of matriculation.
 - e. The student's Nevada voter registration issued prior to the date of matriculation.
 - f. Evidence that the student, and/or the person's spouse, has relocated to Nevada for the primary purpose of permanent full-time employment or to establish a business in Nevada (examples of evidence include a letter from the employer or copy of business license).
3. A former member of the Armed Forces of the United States who was relocated from Nevada as a result of permanent change of duty station pursuant to military orders, will be considered a Nevada resident for tuition purposes under the following conditions:
- a. He/She was a resident of Nevada prior to leaving the state as a member of the Armed Forces; and
 - b. He/She maintained his/her Nevada residency while a member of the Armed Forces; and
 - c. He/She returns to the state of Nevada within one year of leaving the Armed Forces.
- It will be necessary for the student to supply documentation in support of each of these conditions (e.g., drivers license, property ownership, evidence of absentee voting, etc.).
- 4. A graduate of a Nevada high school. (B/R 8/06)
 - 5. A financially independent person who has relocated to Nevada for the primary purpose of permanent full-time employment. (B/R 6/05)
 - 6. A financially dependent person whose spouse, family or legal guardian has relocated to Nevada for the primary purpose of permanent full-time employment. (B/R 12/05)
 - 7. Licensed educational personnel employed full-time by a public school district in the State of Nevada, or the spouse or dependent child of such an employee. (B/R 11/96)

- 8. A teacher who is currently employed full-time by a private elementary, secondary or postsecondary educational institution whose curricula meet the requirements of NRS 394.130, or the spouse or dependent child of such an employee. (B/R 11/96)
- 9. An alien who has become a Nevada resident by establishing bona fide residence in Nevada and who holds a permanent immigrant visa, or has been granted official asylum or refugee status, or has been issued a temporary resident alien card, or holds an approved immigration petition as a result of marriage to a U.S. citizen. An alien holding another type of visa shall not be classified as a resident student, except as may be required by federal law or court decisions and upon due consideration of evidence of Nevada residence. (B/R 6/02) (B/R 6/05)

Reclassification of Nonresident Status

There is a rebuttable presumption that a nonresident attending an institution of the Nevada System of Higher Education is in the State of Nevada for the primary or sole purpose of obtaining an education. Therefore, a nonresident who enrolls in an institution of the System shall continue to be classified as a nonresident student throughout the student's enrollment, unless and until the student demonstrates that his or her previous residence has been abandoned and that the student is a Nevada resident. Each student seeking reclassification from nonresident to resident student status must satisfy the following four conditions.

1. Application and Written Declaration

The student must apply in writing to the appropriate Records Office of the institution for reclassification to resident student status. The application must include a written declaration of intent to relinquish residence in any other state and to certify to the establishment of bona fide residence in Nevada. A declaration form prescribed by the Chancellor and approved by the Board shall be utilized by each institution. The filing of a false declaration will result in the payment of nonresident tuition for the period of time the student was enrolled as a resident student and may also lead to disciplinary sanctions under Chapter Six of the Nevada System of Higher Education Code. Disciplinary sanctions include a warning, reprimand, probation, suspension or expulsion.

2. Bona Fide Residence in Nevada

The student, or the parents or legal guardians of the student, must document continuous physical presence as a Nevada resident for at least twelve (12) months immediately prior to the date of application for reclassification. No fewer than four (4) of the following pieces of objective evidence must be submitted with the application for reclassification.

- a. Ownership of a home in Nevada.
- b. Lease of living quarters in Nevada.
- c. Mortgage or rent receipts and utility receipts for the home or leased quarters.
- d. Nevada driver's license or Nevada identification card issued twelve (12) months prior to the date of application.
- e. Nevada vehicle registration issued twelve (12) months prior to the date of application.
- f. Nevada voter registration issued twelve (12) months prior to the date of application.

3. Financial Independence

The student must provide evidence of financial independence. A dependent person whose family or legal guardian is a nonresident is not eligible for reclassification to resident student status. The following piece of objective evidence must be submitted with the application for reclassification:

- a. A true and correct copy of the student's federal income tax return for the most recent tax year showing a Nevada address. If no federal tax return has been filed because of minimal or no taxable income, documented information concerning the receipt of such nontaxable income must be submitted. If the student is under the age of 24, a copy of the parent's or legal guardian's tax return for the most recent tax year must be submitted that indicates the student was not claimed as a dependent.

4. Intent to Remain in Nevada

The student must present clear and convincing, objective evidence of intent to remain a Nevada resident. No fewer than three (3) of the following pieces of objective evidence must be submitted with the application for reclassification.

- a. Employment in Nevada for twelve (12) months immediately prior to date of the application.
 - b. A license for conducting a business in Nevada.
 - c. Admission to a licensed practicing profession in Nevada.
 - d. Registration or payment of taxes or fees on a home, vehicle, mobile home, travel trailer, boat or any other item of personal property owned or used by the person, for which state registration or payment of state tax or fee is required, for the twelve (12) month period prior to the date of the application.
 - e. A Nevada address listed on selective service registration.
 - f. Evidence of active savings and checking accounts in Nevada financial institutions for at least twelve (12) months immediately prior to the date of the application.
 - g. Evidence of summer term enrollment at a NSHE institution.
 - h. Voting or registering to vote in Nevada.
 - i. Any other evidence that objectively documents intent to abandon residence in any other state and to establish a Nevada residence.
5. The presentation by a person of one or more items of evidence as indicia of residence is not conclusive on the issue of residency. Determinations of residence shall be made on a case-by-case basis and the evidence presented shall be given the weight and sufficiency it deserves, after taking all available evidence into consideration.
6. Because residence in a neighboring state other than Nevada is continuing qualification for enrollment in the good neighbor, children of alumni or WICHE Western Undergraduate Exchange Policies at a NSHE institution, a student who was initially enrolled in a System institution under any of those policies shall not normally be reclassified as a resident student following matriculation. A nonresident student who subsequently disenrolls from the good neighbor, children of alumni or WICHE Western Undergraduate Exchange Policy and pays nonresident tuition for at least twelve (12) months must apply for reclassification to resident student status. An application for reclassification may also be submitted under the provisions of this section if the material facts of a student's residency, or the parent's or legal guardian's residency, have substantially changed following matriculation.
7. When a student has been reclassified to resident student status, the reclassification shall become effective at the registration period in the System institution immediately following the date the student receives notice of the reclassification decision.

8. No reclassification under these regulations shall give rise to any claim for refund of tuition already paid to the Nevada System of Higher Education (B/R 8/04).

9. Administration of the Regulations

Each institution of the Nevada System of Higher Education shall designate an appropriate office to implement and administer these regulations.

1. Each designated office shall make the initial decisions on the resident or nonresident student status of persons enrolling in the institution.
2. Each designated office shall make the initial decision on application for reclassification from nonresident to resident student status.
3. The president of each System institution shall establish an appellate procedure under which a person may appeal decisions of the designated office concerning tuition or status as a resident or nonresident student to an appellate board.
 - a. A person may appeal a decision of the designated office to the appellate board within thirty (30) days from the date of the decision of the office. If an appeal is not taken within that time, the decision of the designated office shall be final.
 - b. The appellate board shall consider the evidence in accordance with the standards and criteria of these regulations and shall make a decision, which shall be final. No further appeal beyond the appellate board shall be permitted. (B/R 5/95)
4. In exceptional cases, where the application of these regulations works an injustice to an individual who technically does not qualify as a resident student, but whose status, either because of the residence of the student or his family, is such as to fall within the general intent of these regulations, then the appellate board shall have the authority to determine that such a student be classified as a resident student. It is the intent of this provision that it applies only in the infrequent, exceptional cases where a strict application of these regulations results, in the sole judgment of the appellate board, in an obvious injustice.

10. Uniformity of Decisions

The decision of an institution of the Nevada System of Higher Education to grant resident student or nonresident status to a person shall be honored at other System institutions unless a person obtained resident student status under false pretenses or the facts existing at the time resident student status was granted have significantly changed. Students granted nonresident student status by an institution retain the right to apply for reclassification under the provision of the chapter.

Effective Date of Regulations

These regulations took effect in the Nevada System of Higher Education at the beginning of the spring semester 1997 for each System institution. However, the application of these regulations shall not affect the status of any student now classified as a resident (in-state) student before the effective date of these regulations. Any student enrolled in a System institution prior to the beginning of the spring semester 1997 who had been classified as a nonresident (out-of-state) student is eligible for reclassification as a resident student under the Board of Regents residency regulations in effect at the time the student commenced his or her current period of continuous enrollment. No reclassification under these regulations shall give rise to any claim for refund of tuition already paid to the Nevada System of Higher Education.

NOTICE: Filing a false Declaration of Intent of Residency will result in the payment of nonresident tuition for the period of time a student was enrolled as a resident student and may also lead to disciplinary sanctions under Chapter Six of the Nevada System of Higher Education Code. Disciplinary sanctions include a warning, reprimand, probation, suspension or expulsion.

Good Neighbor Nonresident Tuition Policy

A graduate of a specifically designated high school or community college in a state bordering on Nevada may be charged a differential rate when enrolling as an undergraduate or graduate student at the universities or the community colleges of the Nevada System of Higher Education. Furthermore, any person who resides in a county in which a designated high school or community college is located, and who has maintained a bona fide legal resident status for a period of at least 12 consecutive months prior to the first day of the semester in which enrollment is sought, may also be charged reduced nonresident rate. (B/R 5/95)

1. Those high schools and community colleges located in Arizona and southern California, bordering on Nevada and for which a town or a city in Nevada provides a significant source of goods and services include the following: (B/R 5/95)

Mohave County, Arizona: Mohave Union High Schools: Kingman High School, Bullhead City High School, Colorado City High School, Lake Havasu High School and Mohave Community College (three campuses).

San Bernardino County, California: 29 Palms High School, AB Miller High School, Alta Loma High School, Apple Valley High School, Baker High School, Barstow College, Barstow High School, Big Bear High School, Bishop High School, Bloomington High School, Cajon High School, Central High School, Chaffey College, Chaffey High School, Chino High School, College of the Desert, Colton High School, Crafton Hills College, Don Lugo High School, Etiwanda High School, Fontana High School, Hesperia High School, Lucerne Valley High School, Montclair High School, Monument High School, Needles High School, Ontario High School, Pacific High School, Rancho Cucamonga High School, Redlands High School, Rialto High School, Rim of the World High School, Rubeen Ayala High School, San Bernardino High School, San Bernardino Valley College, San Geronio High School, Silver Valley High School, Sky High School, Sultana High School, Upland High School, Victor Valley College, Victor Valley High School, Yucaipa High School, Yucca Valley High School.

Inyo County, California: Big Pine High School, Palisade High School, Bishop High School, Death Valley High School, Owen Valley High School and Lone Pine High School.

2. Those high schools and community colleges, located in areas of northern California bordering Nevada for which a town or city in Nevada provides a significant source of goods and services include the following: (B/R 5/95)

Modoc County, California: Modoc High School, Surprise Valley High School and Warner High School.

Lassen County, California: Credence High School, Herlong High School, Lassen College, Lassen High School, Render High School and Lassen Community College.

Plumas County, California: Almanor High School, Beckworth High School, Chester Jr.-Sr. High School, Greenville Jr.-Sr. High School, Indian Valley High School, Portola Jr.-Sr. High School, Quincy Jr.-Sr. High School, Sierra High School, and Feather River Community College.

Sierra County, California: Downieville Jr.-Sr. High School and Loyalton High School.

Nevada County, California: Tahoe-Truckee Jr.-Sr. High School.

Placer County, California: North Tahoe High School, Sierra High School and Sierra College.

El Dorado County, California: Mt. Tallac High School, Lake Tahoe Community College and South Tahoe High School.

Alpine County, California: (includes residents of the designated high school or community college districts in El Dorado or Mono Counties).

Mono County, California: Coleville High School, Lee Vining High School and Mammoth High School.

3. Beginning fall semester 1995 a student entering one of the community colleges shall be charged a differential tuition of current in-state fees charged an FTE undergraduate student plus an additional good neighbor fee.

APPENDIX C

TRANSFER CREDIT POLICY ON THE EVALUATION OF PREVIOUS TRAINING AND EDUCATION

1. Advanced Standing from Other Colleges and Universities

A. Applicants must submit an official transcript from all colleges and universities previously attended.

B. The accreditation of the institution and the listing published in the American Association of Collegiate Registrars and Admissions Officers Transfer Credit Practices of Designated Educational Institutions governs the acceptance of transfer credit.

- a. Credit may be granted for courses in which a grade of D or better is earned at any of the institutions with general (AG), or provisional (AP) ratings in the Transfer Credit Practices of Designated Educational Institutions. Credit may always be granted as elective credit, but credit intending to satisfy a department equivalent or department elective must be approved by the specific instructional division offering the degree. Transfer credit may be disallowed and may not apply toward certificate or degree requirements if the course was taken so long ago that the student would not possess current knowledge and/or skills. Courses in this category may still be applied as elective credit. Students who believe they have current skills and knowledge in the subject area should contact the appropriate division chair for information on validation or verification. Acceptance of credit for qualification into the health sciences special selection programs requires a grade of C or better.
- b. Credit is not accepted from schools that are non-acceptable (N or NP rating). If the school is not listed, refer to the section of this catalog entitled nontraditional credit policy. Exceptions: TMCC will accept credits from Carson College, Carson City, NV and Tahoe Paradise, California except for the associate of arts degree or science degree.
- c. A maximum of 45 transfer credits may be accepted toward any associate degree.
- d. If credit is more than 10 years old, only elective credit will be granted unless the student provides copies of course descriptions for Transfer Credit Evaluation.

2. Advanced Standing for Credit by Examination

A. The maximum number of credits earned by examination that may apply toward a degree may not exceed 30 credits.

B. Grading for examinations will be on an S/U basis. Credit is granted on the basis of the policy below and is posted on the transcript with a grade of S (Satisfactory). Examinations which are graded U (Unsatisfactory) will not be posted to the transcript.

C. Credit earned by examination may not apply toward satisfying the minimum 15 credits in residence required for graduation purposes.

D. Each student is responsible for arranging to complete the various examinations and for requesting the official score reports be sent directly to the admissions and records office.

E. TMCC reserves the right to deny any petition for credit.

F. Credit by examination does not count as part of a student's credit load for any given semester nor is it computed into the grade point average.

G. Any student seeking credit by examination must be an admitted TMCC student.

H. No examination may be taken or repeated for additional credit.

I. Credit may not be earned for an examination that covers, at an elementary level, the subject matter of a more advanced course for which the student has already received credit or is currently enrolled in. Decisions about the hierarchy of classes shall be made by the appropriate academic division.

J. Credit will be granted as general elective credit only, unless specific examinations have been placed on the college's Challenge List, and therefore have been determined to be equivalent to specific general education or departmental core requirements. If an additional satisfactory essay or demonstration is required in addition to an exam on the challenge list, credit will not be granted unless the additional requirement is fulfilled.

K. Specific Examinations and Limitations

- a. ACT PEP (Proficiency Examination Program): In general, three credits may be granted for each examination for scores of 50 or above, a letter grade of C or higher, or a Pass grade, and a satisfactory essay where required.
- b. CBAPE (College Board Advanced Placement Examination): Three or more credits may be granted for scores of 3, 4 or 5 and a satisfactory essay where required.
- c. CLEP (College Level Examination Program): Three or more credits may be granted for general exams with a score of 50 or above, or for subject exams with a score of 50 or more which meets the ACE recommendations for credit. Some exams may require an essay in addition to the objective test.
 1. Students who have earned 30 semester credits or more are not eligible to take any of the General exams.
 2. Students who have earned six or more semester credits in any one of the Subject areas are not eligible to take the General exam in that area.
- d. DANTES (Defense Activity for Nontraditional Education Support) Examinations: Three or more credits may be granted for completion of an exam with a score of 50 or higher, and a satisfactory essay, where required.
- e. Departmental Examinations
 1. Only examinations on approved course challenge list may be applied for.
 2. A student may not retake a departmental examination.
 3. From the time of application for a departmental examination, a student has one full semester in which to complete the examination.

3. Advanced Standing from Nontraditional Sources (Military training and schools; United States Armed Forces Institute (USAFI); Defense Activity for Nontraditional Education Support (DANTES); correspondence; extension; certificate; and proprietary schools.)

- A. Applicants must submit all official documents and specific information on the length, content, and other pertinent documentation before an evaluation will be completed.
- B. A maximum of 25 percent of the credits required for the degree/certificate may be accepted in this category (except as noted below).
- C. Credit granted in this category may be used for the associate of applied science and associate of general studies degrees. These credits consist of those designated by ACE guide as lower division baccalaureate credits. Upper division baccalaureate credits, as defined by ACE, may be used in Associate of Arts or Associate of Science degrees.
- D. Credit is granted on the basis of the policy below and is posted on the transcript.
- E. Credit earned from nontraditional sources may not apply toward satisfying the minimum fifteen credits in residence required for graduation purposes.

F. Specific Policies

a. Military Training and Schools

1. Four elective credits in physical education are granted if the applicant has completed basic training. This credit is applicable toward all associate degrees.
2. The Community College of the Air Force is considered an accredited college. Refer to the section in this course catalog on Advanced Standing from Other Colleges and Universities.
3. Military Schools: (1) Applicants must submit an in-service training record and DD 214, unless still on active military duty, for an evaluation of service school training; (2) Applicants must show the exact title of the course, location of the course and length of the course in weeks. Credit may be granted based on the recommendations found in A Guide to the Evaluation of Educational Experiences in Armed Services. If a course is not listed, no credit will be granted; (3) In the case a course is relevant to a student's occupational degree objective, a decision as to acceptance and applicability of credit will be made by the division chair. Other courses may be acceptable as elective credit. A maximum of 30 credits may be accepted and applied toward the occupational requirements of the associate of applied science degree in military occupations; (4) The college may require the student to take a test to validate skills in certain areas before credit is granted.

b. USAFI/DANTES

Credit is granted for college level courses by self-study, group study, class instruction, examination or correspondence. TMCC accepts credit by American Council on Education recommendations only. Only elective credit in the associate of applied science and associate of general studies degrees may be granted.

c. Correspondence

Only courses from extension divisions of accredited colleges and universities are acceptable. Only elective credit may be granted. Correspondence courses from the University of Nevada, Reno or the University of Nevada, Las Vegas may be applicable toward degree requirements based on the decision of the vice president for academic affairs.

d. Extension

Only courses from extension divisions of accredited colleges and universities are acceptable. Courses in which continuing education units (CEU) have been earned will be evaluated as certificates. Only elective credit may be granted. Extension courses from the University of Nevada, Reno or the University of Nevada, Las Vegas may be applicable toward degree requirements based on the decision of the vice president for academic affairs.

e. Certificates

Only certificates in the applicant's occupational area for an associate of applied science degree are reviewed. Only elective credit, general or departmental, may be granted. All certificates must indicate hours and a course outline is required before an evaluation is completed. Decision of acceptability will be made by the appropriate dean. Adult education courses from Washoe County School District taken prior to 1973 may be accepted for occupational credit requirements in the associate of applied science degree. The decision of acceptability will be made by the vice president for academic affairs. A current, valid state-approved Emergency Medical Technicians (EMT) training program of 110 hours may be evaluated for seven elective credits. Refresher course programs will not be accepted for credit. This policy is restricted to students pursuing an associate of applied science degree or certificate of achievement in the following emphasis occupational areas: criminal justice, fire science technology and all health science majors.

The 200-hour certified firefighter certificate may be accepted for up to six credits, three of which may be used in lieu of FS 101B, upon approval of the vice president for academic affairs. Any certificate training completed after May 1, 1992 will be awarded a maximum of six credits applied towards the fire science technology certificate of achievement or associate degree.

f. Proprietary Schools

A proprietary school must be accredited by a business, technical, or private accreditation association. Credit may be granted for arts and sciences courses with the approval of the vice president for academic affairs. Skill courses may be accepted for occupational credit requirements for the associate of applied science degree. Students must provide course descriptions, syllabi or catalogs along with an official transcript. Applicability of credit toward the associate of applied science degree is a decision of the vice president for academic affairs. The college may require the student to take a test to validate skill in the area before credit is accepted. Credit will be accepted for approved continuing education work when applied toward either a certificate of achievement or associate of applied science degree in business with an emphasis in real estate.

g. Dual Credit through Washoe County Schools

Academic credit will be awarded for college courses identified in the program articulation agreements between the Washoe County School District and TMCC. The amount of credit varies from program to program. Information about the articulated programs may be obtained from admissions and records, the vice president for academic affairs or the Washoe County School District.

h. Other Recognized Sources

1. Peace Officers Standard Training (POST): eight elective credits will be granted for those taking training after October 1973. For training taken prior to 1973, four credits may be granted for a basic certificate and/or four credits may be granted for an intermediate certificate.
Any POST certificate is worth eight credits. Between 1988 and 1998, students who completed the High Sierra Regional Law Enforcement Academy could purchase 24 credits within two years of completion, excluding POST credit.
2. Practical Nursing Hospital Training (LPN) - Courses taken under auspices of the Nevada State Department of Education and local school districts are evaluated on the following basis: (1) a maximum of 24 elective credits may be granted; (2) a Nevada practical nursing license is required for acceptance of credit; (3) an individual must either be currently employed as a licensed practical nurse or have had one year of experience as a licensed practical nurse for acceptance of credit; (4) acceptance of LPN training does not guarantee acceptance into the associate degree in nursing (ADN) program or the application of credits toward the ADN program; (5) Credits by examination may be required for specific courses upon the recommendation of the vice president for academic affairs.
3. American Institute of Banking (AIB)-Credits are evaluated as regular college or university transfer courses. An official AIB transcript is required for evaluation and the AIB catalog is used to determine the equivalent credit value. The applicability of credit toward degree requirements is the decision of the vice president for academic affairs.
4. Advanced American Red Cross - Adult Education - One elective credit of physical education may be granted.

APPENDIX D

PROGRESSION STANDARDS FOR MILLENNIUM SCHOLARSHIP

Please refer to the Nevada State Treasurer's office at <http://nevadatreasurer.gov/millennium> or call 888-477-2667 or 702-486-3383.

PROGRESSION STANDARDS FOR FINANCIAL AID STUDENTS

As a financial aid recipient, a student must meet the following grade point average and credit completion requirements in order to maintain financial aid eligibility. These academic standards do not affect a student's eligibility to continue taking classes at TMCC without financial assistance.

SATISFACTORY PROGRESS REPORT: If a student is funded for fall and spring semester in one of the following enrollment categories, the student must complete the appropriate minimum number of credits for that category of enrollment and maintain a cumulative GPA of 2.0 to remain in good standing.

Full time	12 credits or more
3/4 Time	9, 10, 11 credits
1/2 Time	6, 7, 8 credits
Less than 1/2 Time	1-5 credits

If a student is funded for one semester in an academic year, the student must complete the minimum required number of credits during that one semester in order to be eligible for financial aid during the next enrollment period. It is possible to be enrolled in different categories during the academic year. For example, a student can enroll as a half-time student in the fall semester and a full-time student in the spring semester.

If a student has not used all of the Pell Grant during the academic year (fall and spring semesters), the grant may be used to enroll for summer session.

TIME LIMITATION: Students receiving federal financial aid are expected to complete their educational objectives within the prescribed length of time required by the specific program for which enrolled. Students whose total credits earned exceed 150 percent of the program requirements for the degree declared with the admissions and records office may not receive further financial aid.

ACADEMIC STANDARDS: For purposes of meeting academic performance as outlined in this policy, letter grades are interpreted as follows:

1. a course will be considered complete if a grade of "A" through "D," "P" or "S" is awarded;
2. a course will not be considered complete if a grade of "U," "X," "W," "I," "NR" or "F" is awarded; and
3. an audit, repeat course, "AD," CLEP credits, workforce development and continuing education courses or challenged credits are not considered as part of your credit load or completion rate. To calculate GPA, see instructions in the records section of this course catalog.

Grade Point Average: Students must have a cumulative campus GPA of 2.0 to be eligible for aid. Immediate financial aid suspension will occur whenever the cumulative GPA is less than 2.0. To re-establish financial aid eligibility after being suspended, a student must, without financial aid assistance, earn a 2.0 GPA.

Probation, Suspension, Reinstatement

Course Completion: If a student completes less than the required credit load recognized in the financial aid award, the student will be placed on financial aid probation or suspension for the next semester of enrollment. To be released from probation, the student must complete 100 percent of the probationary semester credit load plus any deficiency and maintain a cumulative GPA of 2.0. If the credit deficiency is not made up the student will be placed on financial aid suspension.

If placed on financial aid suspension the student must, without financial aid assistance, successfully complete the deficient credits from the semester of suspension or go through the appeal procedure. Students may attend TMCC by using personal funds, even though on financial aid probation or suspension.

Funding Level	Maintain satisfactory academic progress if complete	Placed on financial aid probation if complete	Placed on financial aid suspension if complete
Full-time (enroll 12)	12 or more	11, 10, 9	Less than 9
Three-quarter time (enroll 9)	9 or more	8, 7, 6	Less than 6
Half-time (enroll 6)	6 or more	No probation for half-time status	Less than 6
Less than half-time (enroll 1-5)	1 or more	No probation for less than half-time status	Less than 1

Appeal Procedures: If a student is placed on suspended status, the student may appeal. To appeal, the student must meet with a financial aid officer and complete an appeal form. The financial aid review committee will render a decision. After this decision, any questions will be referred to the financial aid director.

Federal regulations permit TMCC to exercise professional judgement, on a case-by-case basis, in determining if unusual circumstances can be documented for federal student financial aid purposes. If a student is dependent by definition, but believes unusual circumstances exist to establish "independence," the student may request a review by meeting with a financial aid officer and completing an appeal form.

Degree Requirements: Financial aid students must declare a major and carefully review their courses and degree programs (go to <https://www.tmcc.edu/admissions/forms/majordeclaration/>). Transfer-general, job upgrade, undeclared and personal interest are not eligible degree programs for receiving financial aid. (The transfer general major should not be confused with the associate of arts transfer degree or the associate of general studies degree.) It is the responsibility of the student to order transcripts from institutions previously attended. Students who have attended other institutions must request a degree audit report from admissions and records in order to have their transcripts evaluated.

Refund Policy: After institutional charges have been deducted, all grant and/or loan monies will be returned to the original grant or loan accounts, in accordance with federal guidelines and the Higher Education Act of 1999. It will be the responsibility of the student to pay any remaining balance.

A student owing repayment for any federally sponsored student aid program cannot receive federal funds for future enrollment periods, unless repayment arrangements have been made with the appropriate financial aid office. Those students who owe federal funds will be reported to the U.S. Department of Education.

APPENDIX E

PROGRESSION STANDARDS FOR STUDENTS RECEIVING VETERANS' BENEFITS

To be eligible for veterans' assistance, veterans must meet the following grade point average, credit completion and attendance requirements in order to maintain eligibility. These progression standards in no way affect a student's eligibility to continue attendance at TMCC without veterans' benefits.

Student who feel, because of extenuating circumstances, they have not been able to meet their progression standards, may request a hearing before the student policies and appeals board. Requests to appear before the appeals board should be made to the dean of student services. Satisfactory progress is defined as follows.

1. **Grade Point Average**—Students must maintain a minimum cumulative grade point average of 2.00. As the "W" grade has no impact in determining the grade point average, it is interpreted as no credit, as if the class were never taken. Veterans who receive a W grade will therefore be given a credit load reduction and may be required to pay back a portion of their veterans' benefits received for that semester.

Students who are receiving veterans' benefits and whose cumulative grade point average is less than 2.00 will be placed on veterans' benefits probation for the following semester of enrollment. Students will be released from probation when their cumulative grade point average equals 2.00 or above. Failure to obtain the minimum 2.00 grade point average during the probationary semester will result in suspension of veterans' benefits. To reestablish eligibility, students may take courses, paid for with their own funds, until the minimum 2.00 grade point average is achieved.

2. **Credit Completion**—Veteran students must carefully review their courses and degree program to assure
 - A. that no more than the number of credits required for the degree have been earned; and
 - B. that all such credits are directly applicable to the degree objective.

To ensure that all courses are applicable, veterans must report all previous education and training to the college. It is the student's responsibility to order transcripts from institutions previously attended. After two semesters of enrollment, the Department of Veterans Affairs will be notified if the student has failed to order transcripts. This may cause a stop in veteran's benefits. This includes any work done without veteran's benefits. Veterans may be denied benefits or asked to reimburse benefits received for credit earned in excess of their degree requirements.

Persons having questions regarding withdrawal from courses are encouraged to visit the admissions and records office for assistance in reporting all facts to the Veterans Administration (VA) upon which a decision should be based. This will ensure timely responses from the VA on payment status and prevent delays of possible payment due.

3. **Attendance**—Students are expected to attend all classes for which they have registered. Veterans are required to obtain instructors' signatures verifying regular attendance during the semester.

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APPENDIX F

PROGRESSION STANDARDS FOR

F-1 INTERNATIONAL STUDENTS ON TMCC'S I-20

In order to maintain full-time student status, International students with F-1 visas on TMCC's I-20 must meet the following grade point average, attendance and credit completion requirements.

1. SATISFACTORY PROGRESS REPORT:

The student must enroll in and maintain a minimum of 12 credit hours per academic semester. Enrollment in fewer than 12 credits for valid academic or medical reasons must be approved by the foreign student's advisor. When the student fails to maintain the 12 credits, he/she will be put on probation for the following semester and his/her progress will be documented. If the student does not enroll in a full course of study the semester following this probationary period, he/she will need to be reinstated.

The student must maintain a grade point average (GPA) of 2.0 to remain in good standing. Students whose cumulative GPA is less than 2.0 will be placed on probation for the following semester. Failure to obtain a minimum 2.0 GPA during the probationary semester will result in suspension and/or the need for reinstatement.

2. ACADEMIC STANDARDS:

For purposes of meeting academic performance as outlined in this policy, letter grades are interpreted as the following definitions and categories:

- A. A course will be considered complete if a grade of "A," "B," "C," "D" or "P" is awarded.
- B. A course will not be considered complete if a grade of "W" or "I" is awarded.
- C. An audit or "N" grade is not considered as part of your credit load or completion rate. To calculate GPA, see instructions in the records section of this course catalog.

3. ATTENDANCE:

Students are expected to attend all classes for which they have registered. The admissions and records office will send out progress reports to all instructors of international students to verify attendance and progress in each course.

APPENDIX G

STATEMENT OF POLICY IN ACCORDANCE

WITH THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

Each semester, TMCC publishes information in the class schedule for students concerning the Family Educational Rights and Privacy Act of 1974, as amended. This act was designed to protect the privacy of educational records and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. This is not a means for challenging the fairness of a grade. A student wishing to challenge the fairness of a grade should read the section on Appeal of Grade in the Appeals Procedures section of this course catalog.

No one shall have access to, nor will the campus disclose any information from a student's educational records without the written consent of the student except to personnel within the institution and college work study students performing an assigned college function; the Nevada System of Higher Education; Police performing an assigned System function; the Controller General of the United States; the Secretary of the United States Department of Health, Education and Welfare; the United States Commissioner of Education; the Assistant Secretary of Education; the Nevada State Education Department; officials of other institutions in which the student is seeking to enroll; to accrediting agencies carrying out their accreditation function; to persons in compliance with a judicial order; to parents who have established the student's dependency as defined by the Internal Revenue Code of 1954, Section 152; to officials providing student financial aid; to the Veterans Administration, Social Security Administration, the Guaranteed Student Loan program, Wells Fargo Bank, Bank of America, Chase Manhattan Bank, City Bank Corporation of New York and the United Student Aid Fund; to organizations conducting studies for or on behalf of educational agencies and to persons in an emergency in order to protect the health and safety of students or other persons.

At the registrar's discretion, the campus may provide directory information to agencies, businesses and individuals with legitimate interest in the educational or career goals of the student, in accordance with the provisions of the Act to include: student name, address, telephone number, semesters of enrollment, full-time/part-time status, degree(s) awarded, emphasis field(s) and date(s) of graduation.

Students may have directory information withheld by filing a petition for exemption with the admissions and records office. TMCC assumes that failure to specifically request the withholding of directory information indicates individual approval for disclosure. TMCC maintains records of requests and disclosures of personally identifiable information with the exception of the information disclosed to parties described above in the performance of their duties. The records of request, whether granted or not, shall include the names of the persons who requested the information and their legitimate interests in the information.

The law provides students with the right to inspect and review information in their educational records, to challenge the content of their educational records, to have a hearing if the outcome of the challenge is unsatisfactory, and to submit explanatory statements for inclusion in their file if they feel the decision of the hearing panel to be unacceptable.

Students wishing to review their educational records must file a written request with the custodian of the records listing the item or items of interest. Records covered by the Act will be made available for inspection within 30 days of the request. Students may have copies made of their records with certain exceptions, e.g., a copy of academic records for which a financial hold exists, or a transcript of an original or source document which exists elsewhere. Copies would be made at the students' expense of one dollar per page. Educational records do not include records of instructional, administrative and educational personnel which are in the sole possession of the maker and are not accessible or revealed to any individual except a temporary substitute; records of the law enforcement unit; employment records or alumni records. Persons who have not enrolled may not review their educational records.

Educational records may be located in the following offices of TMCC.

- Administration: may include disciplinary hearing records, and student appeal documents. The custodian of these records is the division administrator. This office may also have records of disciplinary investigations. The custodian of these records is the associate dean of student support services.
- Admissions and Records office: may include application for admission, transcripts of previous training, resident fee application, applications for change in tuition status, letters of recommendation, academic records, registration materials, veteran certification records. The custodian of these records is the director of admissions and registrar.
- Business office: may include registration payments, student loan files and miscellaneous fee records. Custodian of the records is the controller.
- Institutional Research and Assessment office: may include test scores. The custodian of these records is the director of assessment.
- Student Development office: may include appeals and grievances. The custodian of these records is the dean of student services.
- Financial Aid office: may include financial aid records, scholarship records, and employment records. The custodian of these records is the director of financial aid.
- Instructional departments: may include records of students under the Job Training Partnership Act (JTPA) and records relating to student academic course work. Custodian of these records is the vice president for academic affairs.
- Special Training Projects: may include records of students under Adult Basic Education (ABE) and English as a Second Language (ESL). The custodian of these records is the coordinator of adult basic education/English as a second language.

Students may not inspect the following as outlined by the Act: financial information submitted by their parents; confidential letters and recommendations associated with admissions, employment, job placement or honors to which they have waived their rights of inspection and review; or educational records containing information about more than one student, in which case the campus will permit access only to that part of the record which pertains to the inquiring student. The campus is not required to permit a student to inspect and review confidential letters and recommendations placed in the student's file prior to January 1, 1975 provided those letters were collected under established policies of confidentiality and were used only for the purpose for which they were collected.

Students who believe that their educational records contain information that is inaccurate or misleading or is otherwise in violation of their privacy or other rights may discuss their problem informally with the custodian of that record. If the decision is in agreement with the student's request, the appropriate records will be amended. If not, the student will be notified within a reasonable period of time that the record will not be amended, and will be informed by the custodian of the record of any right to a formal hearing before the student appeals board, except in the case of a grade appeal. The policy on grade appeals is printed in the paragraph "Appeal of Grade" in the Appeals Procedures section of this course catalog. Student requests for a formal hearing must be made in writing to the associate dean of student enrollment services. A student may present, at the student's expense, evidence relevant to the issues raised and may be assisted or represented at the hearing by choosing one or more persons, including attorneys.

Recommendations of the student appeals board will be based solely on the evidence presented at the hearing and will be presented to the president for approval or disapproval. Decisions of the president or designee will consist of written statements summarizing the evidence and stating the reasons for the decision, and will be delivered to all parties concerned. The educational records will be corrected or amended in accordance with the decision of the board if the decision is in favor of the student. If the decision is unsatisfactory to the student, the student may place with the educational records a statement setting forth any reason for disagreeing with the decision of the Board. The statement will be placed in the educational records, maintained as a part of the student's records and released whenever the records in question are disclosed.

Students who believe that the adjudication of their challenge was unfair, or not in keeping with the provisions of the Act may request in writing, assistance from the president of TMCC. Further, students who believe their rights have been abridged, may file complaints with the Family Educational Rights and Privacy Act office, Department of Health, Education and Welfare, Washington, D.C. 20201, concerning the alleged failure of TMCC to comply with the Act. Revisions and clarifications of college policies will be published as experience with the law warrants.

USE OF SOCIAL SECURITY NUMBERS: The Privacy Act of 1974 requires that when any federal, state or local government agency requests disclosure of an individual's social security number, that individual must also be advised whether that disclosure is mandatory or voluntary, by what statutory or other authority the number is solicited and what use will be made of it.

Accordingly, students are advised that disclosure of their social security number is not required as a condition of registration at TMCC. Students desiring to register who do not wish to disclose their social security number may be assigned a special 10-digit student identifier number by the admissions and records office. Students are responsible for utilizing the same identifier number throughout their attendance at TMCC to ensure accurate and complete records.

The social security number is used to verify the identity of the applicant and as an identifier on student records throughout the enrollment periods of the student in order to accurately record all necessary data. All permanent academic records maintained by the college utilize the social security number as the unique identifier for a student.

As an identifier the social security number is used in program activities such as determining enrollment, recording grades, certifying school attendance, generating student transcripts and student fees.

Authority is granted under the law for requesting disclosure of a student's social security number for the Nevada System of Higher Education, Student Accounting system.

Retention and Disposition of Student Records

• ADMISSIONS

Applications for admission

Retain five years after last date of attendance and destroy

Application for resident fees

(same)

Admission files for no shows

No retention

Incomplete admission files

No retention

Transcripts from other colleges

Retain five years after last date of attendance and destroy

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- Military service documents
Retain 3 years
- Correspondence
Retain one year
- Advanced standing admission evaluation
Retain five years after last date of attendance and destroy
- **REGISTRATION AND RECORDS**
- Student permanent academic record (transcript)
Retain permanently
- Final grade sheets
Retain permanently
- Special examinations
Retain permanently
- Registration source documents
Retain two years
- Change of registration
Retain two years
- Correspondence
Retain two years
- Refund exceptions
Retain two years
- Transcript requests
Retain six months and destroy
- Enrollment certifications
Retain one year and destroy
- Class lists
Retain one year and destroy

APPENDIX H

OFFICIAL LIBRARY CIRCULATION CODE

The Elizabeth Sturm Library is located in the west half of the Sierra Building on the Dandini Campus. Students are invited to visit and use the pleasant study areas. Library resources are available to the TMCC community. The Nell J. Redfield e-Library is located at 475 Edison Way in the TMCC IGT Applied Technology Center. The Meadowood Center library is located at 5720 Neil Road, on the third floor of the Meadowood Center.

General Library Privileges

Library materials may be used in the library. TMCC and NSHE students may check out books for two weeks and videos for two days.

TMCC and NSHE faculty and staff may check out books for one semester. Videos may be checked out for one week. Faculty is encouraged to reserve videos for a specific class date, if desired.

Borrowers must present current student or staff ID to check out all materials.

Loan Periods

- A. General library materials
 - a. Students, staff, community borrowers: 14 days
 - b. Faculty/part-time faculty semester loan periods
- B. Periodicals: library use only
- C. Videos
 - a. Faculty—one week
 - b. Students—two days (but not AV reserve videos)

- D. Reserve materials: Most reserve materials are limited to 2 hour in-library use only.

Renewals

General library materials may be renewed for a period of time equal to the original loan period, unless requested by another borrower. One renewal may be made in person or by telephone with the patron's library bar code number and item bar code number.

Overdue Fines

- 14 day books
\$.15 per day (\$7.50 maximum per item)
- Videos
\$1 per day (\$5 maximum per item)
- Reserve materials
\$.25 per hour (\$5 maximum per item)
- Audiovisual items and equipment
Fines vary by item

PLEASE RETURN ALL BORROWED MATERIAL TO THE ORIGINAL LENDING LIBRARY. THERE IS NO GUARANTEED RETURN OF MATERIALS TO OTHER LIBRARIES.

Failure to receive an overdue notice or invoice does not exempt a borrower from accumulating fines. Days on which the libraries are closed are not counted in computing overdue fines.

Library materials that are seven days overdue generate a bill for fines accrued. Official holidays and Sundays are not included.

Lost Items

If an item is deemed "lost," the charge to replace the item will be included on the bill.

Replacement Charges

All borrowers are subject to replacement charges for lost materials and for repair charges for damaged materials.

Reserves

- LIBRARY USE ONLY: May be borrowed in-house for two hours.
- 24-HOUR BOOKS: May be borrowed for 24 hours.
- TWO-DAY BOOKS: May be borrowed for two days.
- THREE-DAY BOOKS: May be borrowed for three days.
- SEVEN-DAY BOOKS: May be borrowed for one week.
- EQUIPMENT: Variable checkout

Loan Agreement

The agreement is made between the borrower and library each time materials are borrowed:

The undersigned hereby acknowledges receipt of the items listed below, to be in working condition, except as otherwise noted. Borrower assumes full responsibility for the material and agrees to reimburse the library for the loss or damage thereto. Sanctions may be involved for failure to make restitution for loss or damage under this agreement. If a student, this may include the holding of grades, transcripts and future registration.

APPENDIX I

TRAFFIC AND PARKING REGULATIONS

Introduction

1.) The provisions of the TMCC Parking Code, hereinafter referred to as the Code, are adopted for the purpose of promoting safe and orderly parking within the boundaries of the Truckee Meadows Community College main campus, its satellite centers; or grounds and properties owned, operated, or controlled by TMCC.

2.) All parking provisions of Nevada Revised Statutes and Reno Municipal Code are expressly applicable on the College except for those provisions, which by their very nature have no application.

3.) Parking of motor vehicles on the College is limited to specially designated areas set forth in the articles of this code. Vehicle registration is required. Vehicles parked in violation of this code are subject to fines, booting, and towing.

4.) All persons who enter the College are charged with knowing the provisions of the Code and are subject to the penalties for violations of such provisions.

5.) All current provisions of the TMCC Parking Code shall be maintained for public inspection at all times at the TMCC Police Department, the President's Office, and the Student Affairs Office.

Purpose Statement

The following parking rules and regulations are adopted by the College to facilitate parking and to provide for the safety of all persons at Truckee Meadows Community College. These rules and regulations are in effect at all times.

Article I - Enforcement

101: Authority

NRS 289.350 – Members of Police Department of University and Community College System of Nevada grants TMCC police officers powers within the confines and along the perimeter of College property. TMCC authorizes TMCC Police Department to issue parking citations within its boundaries. All duly sworn officers of the TMCC Police Department may enforce the provisions of these articles, or other such persons as assigned by the Chief of Police. Said citations may be issued for violations of:

1. Regulations set forth by TMCC.
2. All applicable provisions of Nevada Revised Statutes and Reno Municipal Code relating to the parking of vehicles.

All TMCC Parking citations shall include a warning, which states: "Repeated violations may result in the immobilizing or towing of the vehicle."

Article II - Parking Regulations

201: Curb colors - defined

Painted curbs are an indication of restricted parking and the color of the curb denotes the type of parking allowed. The following color code is adopted:

Red Zone: Indicates no parking or stopping at any time whether the vehicle is attended or not.

Yellow Zone: Indicates an area for the loading and unloading of vehicles and the parking of service vehicles.

Blue Zone: Indicates parking spaces designed to enable access to persons with disabilities. These spaces are hereinafter referred to as "Handicapped Parking Spaces." These spaces are marked pursuant to NRS 484.408 - Parking space designated for handicapped: Signs; Required plates, stickers or placards for parking.

201A: Red Zone

No person shall park or stop any vehicle, whether attended or not, in any area where the curb is painted red.

201B: Yellow Zone

No person shall park, stop, or leave unattended any vehicle in a yellow zone, unless the person is actively engaged in loading or unloading activities. Any person who engages in loading or unloading activities in a loading zone must have the vehicle emergency flashers operating and shall not leave the vehicle unattended for more than 30 minutes.

201C: Blue Zone

No person shall park, stop, or leave unattended any vehicle in a Handicapped Parking Space without displaying valid placard, disabled person's, or disabled veteran's license plate issued by the Nevada Department of Motor Vehicles.

202: Blocking Traffic Lane

No person shall park or leave standing a motor vehicle blocking traffic lanes on any campus roadway or parking lot.

203: Parking in Areas Not Designed for Parking

No person shall park or leave standing a motor vehicle anywhere on the campus that is not designed for parking (e.g., sidewalk, pathway, unimproved land, or landscaped area).

204: "No Parking" Zone

No person shall park or leave standing a motor vehicle whether attended or unattended in any area posted or marked "No Parking."

205: Duty to Obey Signs

When signs or markings prohibiting or limiting parking are erected on any road, street, or area, no person shall park or leave standing any vehicle upon such street, road, or area in violation of such sign or marking.

206: Blocking Gate or Drive

No person shall park or leave standing a motor vehicle in front of, or in any way blocking any access gate or driveway on campus.

207: Motorcycle Parking

Motorcycles, motor-driven cycles, and bicycles shall be parked in designated motorcycle and bicycle parking areas only.

208: Parking Within Lane

All vehicles shall be parked within a designated parking stall. A designated parking stall shall have two painted white lines – one on either side of the parked vehicle.

Article III - Meter Parking Regulations

301: Meter Payment Required / Expired Meter

Meter payment is required for parking in metered spaces. No vehicle shall be parked in a metered parking space while the meter indicates that time has expired.

Vehicles displaying a valid Department of Motor Vehicle issued handicapped placard or license plate shall be exempt from this section.

302: Feeding the Meter Prohibited

No vehicle shall be parked in any metered parking space for any period of time in excess of the limit posted. Each consecutive instance of parking beyond the maximum time posted shall constitute a separate violation, whether or not additional coins have been inserted.

Article IV - Immobilization of Vehicle

401: Immobilization

401A: (5 unpaid citations)

Whenever a vehicle has received (5) five or more unpaid parking violations, the vehicle may be immobilized until that person furnishes TMCC Police Department evidence of his/her identity and an address in the state at which he or she can be located, and satisfactory evidence that bail has been deposited for all notices of parking violations issued for the vehicle.

401B: (Habitual Offender)

Whenever a vehicle has received (5) five or more citations during any semester, the vehicle may be immobilized or towed for each subsequent violation.

402: Owner Responsibility

The registered owner of a vehicle immobilized on TMCC properties shall be responsible for all immobilization charges.

Article V - Removal of Vehicle

501: Authority to Tow

Any duly sworn officer of the TMCC Police Department, or any person who is engaged in enforcing parking regulations and laws, is authorized to remove or cause the removal of any vehicle from the College as follows:

1. The vehicle is obstructing traffic.
2. The vehicle creates an immediate danger to public safety (i.e., leaking gasoline, blocking fire zone or hydrant, etc.).
3. The vehicle's location violates established parking regulations (i.e., red zone, yellow zone, handicapped, etc.).
4. The officer has probable cause to believe the vehicle is stolen.
5. The officer has probable cause to believe the vehicle constitutes evidence of a crime and impoundment is reasonably necessary to obtain or preserve such evidence.
6. The officer has probable cause to believe the vehicle contains evidence of a crime and impoundment is reasonably necessary to obtain or preserve such evidence.
7. The driver of the vehicle is under arrest.
8. The vehicle is abandoned.
9. Whenever a vehicle is parked on campus and it has been determined that the vehicle has (5) five or more parking violations during any semester.
10. In accordance with NRS 487.038 - Removal of vehicles parked in unauthorized manner on private property; Conditions; Notice; Liability for costs.
11. In accordance with NRS 484.397 – Police officer authority to remove certain vehicles.

502: Owner Responsibility

The registered owner of a vehicle towed from TMCC properties shall be responsible for all towing and storage charges.

Article VI - Abandoned Vehicles

601: Abandoned Vehicle - Defined

No person shall abandon, or leave standing, any vehicle on campus for more than 72 consecutive hours. All such vehicles will be towed and stored.

602: Owner Responsibility

The registered owner of a vehicle abandoned on TMCC properties shall be responsible for all towing and storage charges.

Article VII - Parking Fees

701: Meter Fees

Monies collected from meters are retained by the Foundation.

702: Parking Citations Fees

Monies collected from citations are used to administer the parking program.

703: Reno Municipal Code / NRS Citation Fees

Monies collected for citations for Reno Municipal Code and Nevada Revised Statutes violations are subject to policies, procedures, bail, and fine schedules created by the jurisdiction. TMCC receives no revenue from these fines.

Article VIII - Appeals Process

801: Appeals

TMCC parking citations may be appealed.

802: Initiating an Appeal

The appellant must file to have his/her citation dismissed within (15) fifteen days of the citation issue date and must pay the full bail amount for the violation cited. The appellant must fully complete a Citation Appeals Form, submit the form to TMCCPD during normal business hours at the police department desk, and pay the bail amount before the appeal will be accepted.

803: Additional Witnesses

If the appellant wishes to present additional witness testimony, the appellant must secure a Witness Declaration Form from the witness. The Witness Declaration Form must be submitted together with the Citations Appeals Form and bail when the appeal is filed. Declaration forms are available at the TMCCPD desk. Witness declaration forms will not be accepted after the appeal has been filed.

804: Hearing Dates - Procedure

Upon receipt of the Citation Appeals Form, TMCCPD will advise the appellant of a hearing date, location, and time. The hearing will usually be scheduled within 30 days after the Citation Appeals Form is submitted. The appellant does not have to appear at the hearing. Attendance is optional.

805: Initial Appeal review

Upon receipt of an appeal, TMCCPD shall perform an initial appeals review. This review will occur within two business days after receipt.

A TMCCPD supervisor has the authority to take two courses of action. The supervisor may:

- 1.) Immediately dismiss a citation for a valid reason or
- 2.) Forward the appeal to the Hearing Officer for adjudication.

If the supervisor dismisses the citation, the appellant will be notified via U.S. mail. Additionally, TMCCPD will notify the Controller's Office to initiate a refund to the appellant any outstanding bail monies.

806: Valid Reasons for Dismissal

The only recognized valid reasons for dismissal are:

1. Meter out of order (must be verified by TMCCPD)
2. Handicapped permit or placard – not visible (may be used only one time per academic year)
3. Citing officer or department error
4. Official guest of the college (requires written request from college administrator)

807: Appointment of Hearing Officer

TMCC shall appoint a Hearing Officer. The Hearing Officer shall schedule hearings once each month at dates and times, which are consistent with usual and customary business hours.

808: Hearing Officer Duties

The Hearing Officer shall review/hear the individual's appeal; consider any additional witness declarations; review the Citation Appeals Form, render his/her rulings immediately, and submit the proper paperwork to dispose of the matter. The Hearing Officer's ruling is final.

809: Hearing Officer Authority

The Hearing Officer has the authority to dismiss citations for those reasons listed in Section #806 - "Valid Reasons for Dismissal" only. The Hearing Officer may not reduce the scheduled bail or penalties.

810: Hearing Protocol

Hearings shall be open to the public. Individual hearings are limited to ten minutes in length. No sworn testimony shall be taken. No video or audiotape record shall be made or maintained. The appellant may make a verbal presentation. No additional appellant witness testimony will be allowed.

811: Appeals - RMC/NRS

TMCC has no authority to review or dismiss these citations. Appellants must contact the appropriate jurisdiction to obtain further information.

Article IX - Parking Citation Penalties

901: Citation Payment

Citations must be paid in full within 15 days of the date of the citation.

902: Late Fees - Past Due

Parking citations shall be increased in the sum of \$10.00 if not paid within 15 days, and increase in the sum of an additional \$10.00 if not paid within 30 days.

Example: If a citation is issued on 01/01, the violator has until 01/15 to pay the posted bail amount. Between 01/16 and 01/30, the violator must pay the bail amount plus an additional \$10.00 penalty. Commencing 01/31, the violator will pay an additional \$10.00, which equals \$20.00 more than the original bail amount (e.g., \$25 + \$10 + \$10 = \$45).

903: Non-Payment Penalties

All outstanding parking citations shall be paid in full prior to the end of each semester.

Students who fail to pay all outstanding parking citations shall not receive grades, transcripts, etc. until such time as all fees are paid.

Faculty, staff, visitors, etc. are subject to booting or towing at the owner's expense consistent with the provisions included in this policy.

904: Penalty / Bail Schedules

PARKING REGULATIONS - ARTICLE II

Section	Regulation	Penalty/Bail
201A	Red Zone	\$25
201B	Yellow Zone	\$10
201C	Blue Zone	\$50
202	Blocking Traffic Lane	\$20
203	Parking in Areas Not Designed for Parking	\$15
204	"No Parking" Zone	\$20
205	Duty to Obey Signs	\$10
206	Blocking Gate or Drive	\$20
207	Motorcycle Parking	\$10
208	Parking Within Lane	\$10

METER PARKING REGULATIONS - ARTICLE III

Section	Regulation	Penalty/Bail
301	Meter Payment Required/ Expired Meter	\$10
302	Feeding the Meter Prohibited	\$10

MISCELLANEOUS NRS/RMC STATUTES - ARTICLE IX

Section	Regulation	Penalty/Bail*
NRS 484.408	Parking spaces designed for the handicapped	\$287
RMC 6.30.470	Parking in fire lane	\$75
RMC 6.30.480	Parking obstructing fire hydrant	\$250
* Bail schedule for RMC/NRS current as of 03/2005. Bail amounts are subject to change without notice.		

APPENDIX J

REGULATIONS CONCERNING STUDENT SPONSORED EVENTS

The scope of these regulations extends to all student sponsored events. For the purposes of these regulations, such events include the presentation of speakers, programs, concerts, dances, solicitation of funds, distribution and posting of materials, circulation of petitions and surveys and the sale of materials.

The regulations are designed to enhance the students' opportunities to enrich their educational experiences, to protect constitutional rights of free expression and to ensure that there will be no interference with college instructional programs.

The general purpose of all student groups as organized, recognized and approved under the supervision of the college administration shall be in conformity with the Board of Regents policy of the Nevada System of Higher Education and TMCC.

All student organizations are subject to the regulations of and derive their authority from the Board of Regents, Nevada System of Higher Education and the rules and regulations of TMCC.

education

I. Recognized Student Organizations

1. Definition: A recognized student organization is defined as a group which adheres to the following policies.
 - A. Operates under the advisorship of a member of the college full-time faculty or administration.
 - B. Maintains in the student government office, a constitution which has been approved by the student senate and the college president; a current list of officers; and signature of the faculty or administrative staff advisor. Membership in campus student organizations is limited to registered students of TMCC.
 - C. Meets regularly and announces meetings in the campus newspaper and on campus bulletin boards.
 - D. Deposits all organizational funds and expends those funds through the college controller's office and complies with the procedures of that office.
2. Privileges: The privileges of recognized student organizations include
 - A. use of the name of the Associated Students of TMCC;
 - B. use of the campus building, equipment and services of the college when available and officially scheduled; and
 - C. publicity for the events, use of bulletin boards on campus and the campus newspaper, ECHO.
3. Procedures for presentation of programs or activities
 - A. Programs intended solely for members of the recognized student organization require no approval other than that of the student activities board of the Associated Students of TMCC.
 - B. The presentation of programs or activities open to the entire student body requires that the sponsor adhere to the following procedures.
 - a. The sponsor must submit a request to the activities board outlining appropriate details including the nature of the program, date and time, anticipated attendance, services needed (e.g., custodial, security, etc.), equipment required, proposed facility to be utilized, and all details regarding admission charges or other funds to be collected in conjunction with the program. Upon review of this data, the student activities board will place the event on the student senate agenda for approval/disapproval.
 - b. The program must be presented for review by the college president if a controversial speaker or issue is involved. Determination of applicability of this section will be made by the associate dean of student support services.
 - c. Sponsors of events which involve professional performers, speakers or artists, may pay at a rate agreed upon by the performer, the sponsor and the associate dean of student support services.
4. Reservation of facilities for meetings or other purposes
 - A. The sponsor of an approved program must reserve the desired facility in accordance with campus policy and based on facility space. Determination of the availability of the facility shall be made by the scheduling office.
 - B. Facilities are normally available during the regular operational hours of the college. Special permission is required for facility use on days and hours when the college is not offering instructional programs. The college can require the organization to pay for facility use and/or special supervision and security in these instances.
 - C. Once the availability of a facility has been established, the sponsor must confirm the reservation with the scheduling office.
 - D. Programs must be implemented in such a manner so as not to constitute interference with the instructional programs or general college operations. Only at times when classes are not in session may sound amplifying equipment be used.

5. Distribution of materials

The college regulations governing the distribution of printed and manufactured materials are designed to permit maximum freedom of expression and to prevent attempts to coerce or intimidate students into buying or receiving printed materials.

- A. Organizations desiring to distribute such material on campus must identify the organization and request approval from the associate dean of student support services.
- B. Distribution of any material in classrooms is expressly prohibited.
- C. Commercial material may not be distributed at TMCC unless it includes the following disclaimer:

Note: The contents of this document does not reflect the opinions or endorsement by TMCC; not printed or distributed at TMCC expense; delivery beyond drop-box level is optional.

- D. Materials may be distributed at designated areas near the student government office, the atrium or at scheduled meetings.
 - E. Tables may be set up in authorized areas by campus organizations. Requests must be submitted to the associate dean of student support services. Tables may not be scheduled for periods longer than one week at a time.
 - F. Tables must be staffed at all times with a placard identifying the organization displayed.
 - G. The distribution of materials is to be coordinated with the associate dean of student support services. An information copy of any material to be distributed must bear the name of the sponsor. Distribution of any material on campus is subject to the approval of the associate dean of student support services.
 - H. Written material of any kind is not to be distributed in parking areas. Such distribution of materials on the windshields of cars or other locations that results in littering may be considered by the college as a violation of the littering law and the distributor and/or company or organization responsible may be subject to a fine.
 - I. The collection of signatures for petitions or request for completion of surveys is subject to the same regulations as those which govern distribution of materials. Such matters should be submitted to the associate dean of student support services.
- ## 6. Fundraising on campus
- A. The procedure for solicitation should follow that outlined in "procedures for presentations of programs or activities" (Section C).
 - B. The solicitations of funds in classrooms is expressly prohibited.
 - C. All funds collected for an activity on campus (including membership dues) must be deposited to the credit of the organization involved with the college cashier within 24 hours of collection. Funds may be withdrawn through the normal fund expenditure procedures outlined by the college controller's office.
 - D. Tables for fund raising purposes may be placed only in designated areas.
- ## 7. Posting of materials
- A. All materials to be posted by student organizations must be approved and stamped at the Dandini Campus, RDMT 315 by the ASTM.
 - B. All materials must clearly designate the sponsoring organization.
 - C. Material may be authorized for posting only on bulletin boards located outside classrooms. Any material posted in unauthorized locations, or without being stamped, is subject to removal.
 - D. Material may not be posted on doors, painted surfaces, classrooms, or outside of buildings. Bulletin boards outside classrooms are available for the posting of material on a space available basis. Sponsors are responsible for the removal of their material after the expiration date or once the material becomes obsolete. Any obsolete material may be removed by any member of the college staff.
 - E. The number and size of posters any one organization may post is subject to limitation.

8. Alcoholic beverages

If a group or organization desires to serve alcohol for a special event on or off campus they must submit a written request to the president of the college.

The college president has the authority to designate the time and place for special events where alcoholic beverages may be served.

If serving of alcohol is approved, the sponsor must provide approved security to check identification of any student attending the function to ensure compliance with Nevada State Law and the legal and appropriate use of alcohol.

II. Ad Hoc Organizations

1. An ad hoc organization is defined as a group which

- A. is organized for a specific and temporary purpose;
- B. operates with the approval of the student senate and under the advisordship of a member of the college full-time faculty or administration;
- C. files a statement of purpose with the student activities board and a roster of at least six student members; and
- D. operates for a period not to exceed sixty calendar days.

2. Privileges

- A. An ad hoc student organization will be granted all privileges of a recognized student organization and must follow the procedural requirements outlined above.

APPENDIX K

REGULATIONS CONCERNING OFF-CAMPUS ORGANIZATIONS

Organizations that are not affiliated with TMCC may request approval from the scheduling office for activities or events to be conducted on the campus.

1. Procedures for presentation of programs or activities

The presentation of programs or activities that are open to the entire college population including the student body and the staff require that the sponsor adhere to the following procedures.

- A. The sponsor must submit a request to the scheduling office outlining appropriate details regarding the planned programs.
- B. The program must be presented for review by the college president if the nature of the program, event or activity is not covered by TMCC and Nevada System of Higher Education (NSHE) policy and/or if the vice president for student services feels it is an important issue for the president and the president's cabinet to be aware of the proposed activity.
- C. TMCC may charge a rental and/or activity fee to off-campus organizations. These rates are applied according to campus rental and activity fee schedules. This rate can be waived by the president.

2. Reservation of facilities for meetings or other purposes

- A. The sponsor of an approved program must reserve the desired facility in accordance with campus policy and availability based on facility space. Determination of the availability of the facility and reservation confirmation shall be made by the scheduling office.
- B. Facilities are normally available during the regular operational hours of the college. Facility use on days and hours when the college is not offering instructional programs is possible, however. The college can require the organization to pay an additional fee for special supervision and security in these instances.

- C. Programs must be implemented in a manner so as not to constitute interference with the instructional programs or general college operations. Only at times when classes are not in session may sound amplification equipment be used in any public area except the campus auditorium or on the grounds outside the building.

3. Distribution of materials

The college regulations governing the distribution of printed and manufactured materials is designed to permit maximum freedom of expression and to prevent attempts to coerce or intimidate students into buying or receiving printed materials.

- A. Organizations desiring to distribute printed and manufactured material on campus must identify the organization and request approval from the associate dean of student support services.
- B. Distribution of any material in classrooms is expressly prohibited.
- C. Advertising material may not be distributed at TMCC without approval and inclusion of the following disclaimer:
Note: The contents of this document does not reflect the opinions or endorsement by Truckee Meadows Community College; not printed or distributed at TMCC expense; delivery beyond drop-box level is optional.
- D. Materials may be distributed only in the designated areas, the student government office, the atrium or at scheduled meetings.
- E. Tables may be set up in authorized areas. Requests must be submitted to the associate dean of student support services. Tables may not be scheduled for periods longer than one week at a time. These tables and the distribution of materials must not obstruct or delay traffic. Organizations distributing materials will be asked to keep noise at a level that does not interfere with or interrupt classroom instruction.
- F. Tables must be staffed at all times and a placard identifying the organization must be displayed.
- G. Written material of any kind is not to be distributed in parking areas. Such distribution of materials on the windshields of cars or any locations that results in littering may be considered by the college as a violation of the littering law and the distributor and/or company or organization responsible for the distribution may be subject to a fine as determined by campus policy.
- H. The collection of signatures for petitions or request for completion of surveys is subject to the same regulations as those which govern distribution of materials. Such matters should be submitted to the associate dean of student support services.
- I. TMCC has a fee structure in the rental of space for the purpose of distributing material on campus. Rates will be assessed by the scheduling office.
- J. Request for space and distribution of material(s)/form(s) must be made at least ten working days prior to the planned event.

4. Fund raising on campus

Limited fund raising activities by off-campus organizations may be conducted. These activities are subject to the Board of Regents and campus policies. Application may be made to the associate dean of student support services and approved by the president's cabinet.

5. Posting of materials

Permission may be granted to post materials on a space-available basis to educational institutions or public service agencies to announce activities and events.

- A. All materials to be posted by students and student organizations must be approved and stamped at the Dandini Campus, RDMT 315 by the ASTM (associated students of TMCC).
- B. All materials must clearly designate the sponsoring organization.
- C. Material may be authorized for posting only on bulletin boards located outside classrooms. Any material posted in unauthorized locations or without stamped approval is subject to removal.

- D. Material may not be posted on doors, painted surfaces, classrooms, or outside classrooms. Bulletin boards outside classrooms are available for the posting of material on a space-available basis.
Sponsors are responsible for the removal of their material after the expiration date or once the material becomes obsolete. Any obsolete material may be removed by any member of the college staff.
- E. The number and size of posters any one organization may post is subject to limitation.
- F. The college staff will advise organizations and individuals of areas where information may not be posted. This may include, but is not limited to classrooms, doors and windows and reserved bulletin boards.

APPENDIX L

RULES AND DISCIPLINARY PROCEDURES FOR MEMBERS OF THE UNIVERSITY COMMUNITY

The following conduct, being incompatible with the purposes of an academic community, is prohibited for all members of the community of the System, including but not limited to the faculty and students, shall constitute cause for discipline and may lead to the procedures and disciplinary sanctions established in Title 2, Section 6.3 of the NSHE Code.

1. Commission of any act interfering with academic freedom.
2. The use of, or threat to use, force or violence against any member or guest of the System community, except when lawfully permissible.
3. Interference by force, threat or duress with the lawful freedom of movement of persons or vehicles on the premises of the System.
4. The intentional disruption or unauthorized interruption of functions of the System, including but not limited to classes, convocations, lectures, meetings, recruiting interviews and social events, on or off premises of the System.
5. Willful damage, destruction, defacement, theft or misappropriation of equipment or property belonging to, in the possession of or on premises occupied by the System.
6. Knowing possession on any premises of the System of any firearms, explosives, dangerous chemicals or other instruments of destruction, or other dangerous weapons as defined by the laws of the State of Nevada, without the written authorization of the president of any System institution or the president's authorized agent, unless such possession reasonably relates to duly recognized System functions by appropriate members of the faculty, other employees or students.
7. Continued occupation of buildings, structures, grounds or premises belonging to, or occupied by, the System after having been ordered to leave by the president of a System institution or the president's designee.
8. Forgery, alteration, falsification or destruction of System documents or furnishing false information in documents submitted to the Nevada System of Higher Education.
9. Making an accusation which is intentionally false or is made with reckless disregard for the truth against any member of the System community by filing a complaint or charges under this Code or under any applicable established grievance procedures in the System.
10. The repeated use of obscene or abusive language in a classroom or public meeting of the System where such usage is beyond the bounds of generally accepted good taste and which, if occurring in a class, is not significantly related to the teaching of the subject matter.
11. Willful incitement of persons to commit any of the acts herein prohibited.
12. Disorderly, lewd or indecent conduct occurring on System premises or at a System sponsored function on or off such premises.
13. Any act prohibited by local, state or federal law which occurs on System premises or at a System sponsored function on or off such premises.
14. The use of threats of violence against a faculty member or the faculty member's family in order to secure preferential treatment for grades, loans, employment or other service or privilege accorded by the System.
15. Any act of unlawful discrimination based on race, creed, color, sex, age, handicap or national origin or any act of employment or educational retaliation against any person who has made a complaint about such discrimination.
16. Any act of sexual harassment when submission to a request or demand of a sexual nature is either an explicit or implicit term or condition of employment or of academic study or grading, or where verbal or physical conduct of sexual nature has the effect of creating an intimidating, offensive or hostile work or educational environment.
17. Acts of academic dishonesty, including but not limited to cheating, plagiarism, falsifying research data or results, or assisting others to do the same.
18. Willfully destroying, damaging, tampering with, altering, stealing, misappropriating or using without permission any system, program or file of the Nevada System of Higher Education.
19. Acts of hazing. Hazing is defined as any method of initiation into or affiliation with the university or community college, a student organization, a sports team, an academic association or other group engaged in by an individual that intentionally or recklessly endangers another individual.
20. Any other conduct which violates applicable stated prohibitions, policies, procedures, rules, regulations or bylaws of the Board of Regents or a System institution.

The following disciplinary sanctions are applicable to members of the community of the Nevada System of Higher Education for conduct prohibited as listed above. Depending on the seriousness of the misconduct, these sanctions may be imposed in any order.

Warning: Notice, oral or written, that continuation or repetition of prohibited conduct may be the cause for more severe disciplinary action.

Reprimand: A formal censure or severe reproof administered in writing to a person engaging in prohibited conduct.

Restitution: The requirement to reimburse the legal owners for a loss due to defacement, damage, fraud, theft or misappropriation of property. The failure to make restitution shall be the cause for more severe disciplinary action.

Probation: Probation is applicable to students only. It consists of a trial period not exceeding one year in which the conduct of the student will be evaluated in terms of whether any prohibited acts are committed. Probation may include exclusion from participation in privileged or extracurricular activities of the System. The person placed on probation shall be notified, in writing, that the commission of prohibited acts will lead to more severe disciplinary sanctions. The official transcript of the student on probation may be marked "DISCIPLINARY PROBATION" for the period of the probation and any exclusions may also be noted. Parents or legal guardians of minor students shall be notified of the action.

Reduction in Pay: A reduction in pay may be imposed at any time during the term of an employment contract upon compliance with the procedures established in Chapter 6, NSHE Code.

Suspension

1. For Students Only

A. Exclusion for a definite period of time from attending classes and from participating in other activities of the System, as set forth in a written notice to the student. The official transcript of the student shall be marked "DISCIPLINARY SUSPENSION EFFECTIVE (date) TO (date)." Parents or legal guardians of minor students shall be notified of the action.

B. A student who is not currently enrolled in the System and who was not registered during the previous semester or who graduated at the end of the previous semester may request that the notation of the disciplinary suspension be removed from the official transcript when two years have elapsed since the expiration of the student's suspension. Such request must be submitted in writing to the president. If the request is not granted, the student at yearly intervals thereafter may submit a request for removal of the notation.

2. For Employees Only

Exclusion from assigned duties for one or more workweeks without pay, as set forth in a written notice to the employee. The phrase "workweek" has the meaning ascribed to it in Section 7(a) of the Fair Labor Standards Act; 29 U.S.C. § 207(a). (B/R 10/93).

Expulsion or Termination

1. For Students Only

Termination of student registration and status for an indefinite period of time. Permission of the president shall be required for readmission. The official transcript of the student shall be marked "DISCIPLINARY EXPULSION EFFECTIVE (date)." The parents or legal guardians of minor students shall be notified of the action.

2. For Employees Only

Termination of employment for cause. A hearing held under the procedures established in Section 6.12 and other applicable provisions of this chapter shall be required before the employment of an employee may be terminated for cause.

For more information, see the Board of Regents Handbook, Title 4, Chapter 6.

APPENDIX M

GRIEVANCE PROCEDURES

RELATING TO EQUAL OPPORTUNITY

TMCC is an equal opportunity/affirmative action institution and is committed to the principle that there shall be no difference in the treatment of persons because of race, creed, color, sex, national origin, disability or sexual orientation.

Persons who feel aggrieved because of alleged acts of discrimination which are in violation of rights guaranteed by the Nevada System of Higher Education and/or the Institutional Equal Employment Opportunity/Affirmative Action Policy Statement must try to resolve the complaint(s) within the following procedures. Complaints of discrimination shall be investigated by the appropriate affirmative action officer pursuant to NSHE Code.

1. Filing Complaint(s) of Discrimination

A. Formal complaint(s) must be filed with TMCC's affirmative action officer by the complainant(s) on the Institutional Complaint form. A complainant shall state the remedy or corrective action which he/she wishes to see implemented.

B. Complaints of discrimination in employment process—hiring, promotion, demotion, evaluation, transfer or termination—must be filed with TMCC's affirmative action officer within one hundred and eighty (180) calendar days after the discovery of the alleged act of discrimination. Complaints of discrimination resulting from a student grievance regarding housing, access to course offerings, counseling, financial assistance, athletics, or any educational programs/activities must be filed with the Institutional affirmative action officer within one hundred and eighty (180) calendar days after the discovery of the alleged act of discrimination. Complaints based upon sex discrimination in admission shall also be processed in accordance with this section.

2. Notification of Respondent

TMCC's affirmative action officer, within five (5) working days of receipt of the written complaint, shall notify the person against whom the complaint is filed, hereafter referred to as the respondent(s) and shall forward a copy of the complaint(s) to said respondent(s).

3. Preliminary Review by TMCC's Affirmative Action Officer

A. Within five (5) working days of receipt of the written complaint, TMCC's affirmative action officer shall initiate mediation procedures. If this does not resolve the complaint, TMCC's affirmative action officer shall investigate the complaint. If TMCC's affirmative action officer believes that there are reasonable grounds to support the complaint, a grievance committee shall be organized.

B. If the mediation resolves the complaint, a written statement of mediation's outcome will be presented to TMCC's president.

Additional information may be obtained by contacting the affirmative action/equity and diversity office, 775-673-7105.

FOR MORE INFORMATION, see the Board of Regents handbook, Title 4, Chapter 8.

APPENDIX N

NSHE POLICY AGAINST SEXUAL HARASSMENT AND COMPLAINT PROCEDURE BOARD OF REGENT HANDBOOK

Title 4, Chapter 8, Section 13 NSHE May 2003 1

A. Sexual Harassment is Illegal under Federal and State Law.

The Nevada System of Higher Education (NSHE) is committed to providing a place of work and learning free of sexual harassment. Where sexual harassment is found to have occurred, the NSHE will act to stop the harassment, to prevent its recurrence, and to discipline those responsible in accordance with the NSHE Code or, in the case of classified employees, the Nevada Administrative Code. Sexual harassment is a form of discrimination; it is illegal.

No employee or student, either in the workplace or in the academic environment, should be subject to unwelcome verbal or physical conduct that is sexual in nature. Sexual harassment does not refer to occasional compliments of a socially acceptable nature. It refers to behavior of a sexual nature that is not welcome, that is personally offensive, and that interferes with performance.

It is expected that students, faculty and staff will treat one another with respect.

B. Policy Applicability and Sanctions.

All students, faculty, staff, and other members of the campus community are subject to this policy. Individuals who violate this policy are subject to discipline up to and including termination and/or expulsion, in accordance with the NSHE Code or, in the case of classified employees, the Nevada Administrative Code. Other, lesser sanctions may be imposed, depending on the circumstances.

This policy is not intended to and does not infringe upon academic freedom in teaching or research as established in the NSHE Code, Ch. 2.

C. Training.

All employees shall be given a copy of this policy and each institution's Human Resources Office shall maintain documentation that each employee received the policy. New employees shall be given a copy of this policy at the time of hire and each institution's Human Resources Office shall maintain documentation that each new employee received the policy.

Each institution shall include this policy and complaint procedure in its general catalog.

Each institution shall have an on-going sexual harassment training program for employees.

D. Sexual Harassment Defined.

Under this policy, unwelcome sexual advances, requests for sexual favors, and other visual, verbal or physical conduct of a sexual nature constitute sexual harassment when:

1. submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or academic status;
2. submission to or rejection of the conduct is used as a basis for academic or employment decisions or evaluations, or permission to participate in an activity; or
3. the conduct has the purpose or effect of substantially interfering with an individual's academic or work performance, or of creating an intimidating, hostile or offensive environment in which to work or learn.

Sexual harassment may take many forms-subtle and indirect, or blatant and overt. For example,

- It may occur between individuals of the opposite sex or of the same sex.
- It may occur between students, between peers and/or co-workers, or between individuals in an unequal power relationship.
- It may be aimed at coercing an individual to participate in an unwanted sexual relationship or it may have the effect of causing an individual to change behavior or work performance.
- It may consist of repeated actions or may even arise from a single incident if sufficiently severe.
- It may also rise to the level of a criminal offense, such as battery or sexual assault.

Determining what constitutes sexual harassment under this policy will be accomplished on a case by case basis and depends upon the specific facts and the context in which the conduct occurs. Some conduct may be inappropriate, unprofessional, and/or subject to disciplinary action, but would not fall under the definition of sexual harassment. The specific action taken, if any, in a particular instance depends on the nature and gravity of the conduct reported, and may include disciplinary processes as stated above.

Examples of unwelcome conduct of a sexual nature that may constitute sexual harassment may, but do not necessarily, include, and are not limited to:

- physical assault;
- sexually explicit statements, comments, questions, jokes, innuendoes, anecdotes, or gestures;
- unnecessary touching, patting, hugging, or brushing against a person's body or other inappropriate touching of an individual's body;
- remarks of a sexual nature about a person's clothing or body;

- use of electronic mail or computer dissemination of sexually oriented, sex-based communications;
- sexual advances, whether or not they involve physical touching;
- requests for sexual favors in exchange for actual or promised job or educational benefits, such as favorable reviews, salary increases, promotions, increased benefits, continued employment, grades, favorable assignments, letters of recommendation;
- displaying sexually suggestive objects, pictures, magazines, cartoons, or screen savers;
- inquiries, remarks, or discussions about an individual's sexual experiences or activities and other written or oral references to sexual conduct.

Even one incident, if it is sufficiently serious, may constitute sexual harassment. One incident, however, does not usually constitute sexual harassment.

E. Procedure.

The Chancellor and each president shall designate no fewer than two administrators to receive complaints of alleged sexual harassment. The administrators designated to receive the complaints may include the following: (1) the Human Resources Officer at the institution; (2) the Affirmative Action Program Officer; or (3) any other officer designated by the president. If the Human Resources Officer or the Affirmative Action Program Officer or another officer designated by the president, is not the individual who initially receives the complaint of alleged sexual harassment, then the individual receiving the complaint must immediately forward the complaint to either the Human Resources Officer or the Affirmative Action Program Officer.

An individual filing a complaint of alleged sexual harassment shall have the opportunity to select an independent advisor for assistance, support, and advice and shall be notified of this opportunity by the Human Resources Officer or the Affirmative Action Program Officer, or by their designee. It shall be the choice of the individual filing the complaint to utilize or not utilize the independent advisor. The independent advisor may be brought into the process at any time at the request of the alleged victim. The means and manner by which an independent advisor shall be made available shall be determined by each institution or unit.

Supervisors' Responsibilities: Every supervisor has responsibility to take reasonable steps intended to prevent acts of sexual harassment, which include, but are not limited to:

- Monitoring the work and school environment for signs that harassment may be occurring;
- Refraining from participation in, or encouragement of actions that could be perceived as harassment (verbal or otherwise);
- Stopping any observed acts that may be considered harassment, and taking appropriate steps to intervene, whether or not the involved individuals are within his/her line of supervision; and
- Taking immediate action to minimize or eliminate the work and/or school contact between the two individuals where there has been a complaint of harassment, pending investigation.

If a supervisor receives a complaint of alleged sexual harassment, or observes or becomes aware of conduct that may constitute sexual harassment, the supervisor must immediately contact one of the individuals identified above to forward the complaint, to discuss it and/or to report the action taken.

Failure to take the above action to prevent the occurrence of or stop known harassment may be grounds for disciplinary action.

Complaints of sexual harassment must be filed within one hundred eighty (180) calendar days after the discovery of the alleged act of sexual harassment with the supervisor, department chair, dean, or one of the administrators listed above and/or designated by the president to receive complaints of alleged sexual harassment. Complaints of prohibited conduct, including sexual harassment, filed with an institution's administrative officer pursuant to NSHE Code Chapter 6, Section 6.8.1, are not subject to this 180 day filing requirement.

1. Employees.

- a. An employee who believes that he or she has been subjected to sexual harassment by anyone is encouraged-but it is neither necessary nor required to promptly tell the person that the conduct is unwelcome and ask the person to stop the conduct. A person who receives such a request must immediately comply with it and must not retaliate against the employee for rejecting the conduct.
- b. The employee may also choose to file a complaint with his or her immediate supervisor, who will in turn immediately contact one of the officials listed above.
- c. If the employee feels uncomfortable about discussing the incident with the immediate supervisor, the employee should feel free to bypass the supervisor and file a complaint with one of the other listed officials or with any other supervisor.
- d. After receiving any employee's complaint of an incident of alleged sexual harassment, whether or not the complaint is in writing, the supervisor will immediately contact any of the individuals listed above to forward the complaint, to discuss it and/or to report the action taken. The supervisor has a responsibility to act even if the individuals involved are not supervised by that supervisor.

2. Students.

- a. A student who believes that he or she has been subjected to sexual harassment by anyone is encouraged-but it is neither necessary nor required-to promptly tell the person that the conduct is unwelcome and ask the person to stop the conduct. A person who receives such a request must immediately comply with it and must not retaliate against the student for rejecting the conduct.
- b. The student may also choose to file a complaint with his or her major department chair, who will in turn immediately contact one of the officials listed above.
- c. If the student feels uncomfortable about discussing the incident with the department chair, the student should feel free to bypass the chair and file a complaint with one of the above officials or to any chair or dean, who will in turn immediately contact one of the officials listed above to forward the complaint, whether or not the complaint is in writing, to discuss it and/or to report the action taken. The chair or dean has a responsibility to act even if the individuals are not supervised by that chair or dean.

3. Non-Employees and Non-Students.

Individuals who are neither NSHE employees nor NSHE students and who believe they have been subjected to sexual harassment by a NSHE employee during the employee's work hours or by a NSHE student on campus or at a NSHE sponsored event may utilize any of the complaint processes set forth above in this section.

4. Investigation and Resolution.

- a. After receiving a complaint of the incident or behavior, an investigation by one of the above listed officials will be initiated to gather information about the incident. Each institution may set guidelines for the manner in which an investigation shall be conducted.
- b. At the completion of the investigation, a recommendation will be made to the appropriate management regarding the resolution of the matter. The recommendation is advisory only.
- c. After the recommendation has been made, a determination will be made by appropriate management regarding the resolution of the matter. If warranted, disciplinary action up to and including involuntary termination or expulsion will be taken. Any such disciplinary action shall be taken in accordance with NSHE Code Chapter 6, or, in the case of classified employees, NAC Chapter 284. Other appropriate actions will be taken to correct problems, if any, caused by or contributing to the conduct. If proceedings are initiated under Chapter 6, the investigation conducted pursuant to this policy may be used as the Chapter 6 investigation. The administrative officer, in his or her discretion, may also supplement the sexual harassment investigation with additional investigation.
- d. After the appropriate management has made a determination regarding the resolution of the matter, and depending on the circumstances, both parties may be informed of the resolution. Certain actions made confidential under NSHE Code Chapters 5 and 6 or NAC Chapter 284 shall remain confidential.

F. Prompt Attention

Complaints of sexual harassment are taken seriously and will be dealt with promptly. Where sexual harassment is found to have occurred, the NSHE institution or unit where it occurred will act to stop the harassment, to prevent its recurrence, and to discipline those responsible.

G. Confidentiality

The NSHE recognizes that confidentiality is important. However, confidentiality cannot be guaranteed. The administrators, faculty or staff responsible for implementing this policy will respect the privacy of individuals reporting or accused of sexual harassment to the extent reasonably possible and will maintain confidentiality to the extent possible. Examples of situations where confidentiality cannot be maintained include, but are not limited to, necessary disclosures during an investigation, circumstances where the NSHE is required by law to disclose information (such as in response to legal process), or when an individual is in harm's way.

H. Retaliation

Retaliation against an individual who in good faith complains of alleged sexual harassment or provides information in an investigation about behavior that may violate this policy is against the law, will not be tolerated, and may be grounds for discipline. Retaliation in violation of this policy may result in discipline up to and including termination and/or expulsion. Any employee or student bringing a sexual harassment complaint or assisting in the investigation of such a complaint will not be adversely affected in terms and conditions of employment and/or academic standing, nor discriminated against, terminated, or expelled because of the complaint. Intentionally providing false information is also grounds for discipline.

“Retaliation” may include, but is not limited to, such conduct as:

- the denial of adequate personnel to perform duties;
- frequent replacement of members of the staff;
- frequent and undesirable changes in the location of an office;
- the refusal to assign meaningful work;
- unwarranted disciplinary action;
- unfair work performance evaluations;
- a reduction in pay;
- the denial of a promotion;
- a dismissal;
- a transfer;
- frequent changes in working hours or workdays;
- an unfair grade;
- an unfavorable reference letter.

I. Relationship to Freedom of Expression

The NSHE is committed to the principles of free inquiry and free expression. Vigorous discussion and debate are fundamental rights and this policy is not intended to stifle teaching methods or freedom of expression. Sexual harassment, however, is neither legally protected expression nor the proper exercise of academic freedom; it compromises the integrity of institutions, the tradition of intellectual freedom and the trust placed in the institutions by their members.

APPENDIX O

DRUG AND ALCOHOL PREVENTION POLICY

As a part of the Drug-Free Schools and Communities Act, campuses are asked to provide students and employees with information on campus rules and regulations pertaining to alcohol and other drugs, the health and social effects, legal sanctions and counseling and treatment programs available.

Standards of Conduct - The unlawful manufacture, distribution, dispensation, possession or use of alcohol and illegal drugs is prohibited; a violation of any such prohibition will result in disciplinary action up to and including termination of employment or expulsion of students.

The TMCC president has the authority to designate the time and place for special events where alcoholic beverages may be served on the TMCC campus to persons 21-years-old or over. Except as provided above, the storage, possession or use of alcoholic beverages is not permitted on TMCC-owned or supervised property.

Any student or employee who exhibits offensive behavior on TMCC-owned or supervised property while under the influence of alcoholic beverages or illegal drugs shall be subject to disciplinary action (NSHE Board of Regents Handbook, Title 4, Chapter 20).

Legal Sanctions - Any act prohibited by local, state or federal law which occurs on TMCC premises or at a TMCC-sponsored function on or off such premises shall constitute cause for discipline which, for students, can include a warning, reprimand, restitution, probation, suspension or expulsion. Sanctions against employees can include any of the above in addition to termination of employment.

It is the policy of the State of Nevada, with respect to employees of state agencies, that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance in the workplace is prohibited. Any employee who violates this policy is subject to disciplinary action which may include termination of employment. The specifics of the policy are addressed in Chapter 453 of the Revised Statutes of Nevada, Nevada Administrative Code 284.650.

Health Risks Associated with Drug Abuse	
<p>Health Risks - Here are some of the risks you face if you use alcohol or some common drugs. While the effects of substance abuse are listed here, craving for the drug and other effects of withdrawal often affect performance as well.</p>	
Alcohol	<p>Performance Effects—Poor concentration, coordination and judgement, absenteeism or lateness, mood swings, fatigue</p> <p>Health Risks—Liver disease, ulcers, birth defects, depression, malnutrition, heart disease and stroke, certain cancers and brain damage</p>
Anti-anxiety drugs (Valium, Xanax, Librium, etc.)	<p>Performance Effects—Drowsiness, poor attention span, memory and coordination confusion</p> <p>Health Risks—Birth defects, possible liver disease</p>
Cocaine (crack) and amphetamines	<p>Performance Effects—Nervousness, short attention span, poor judgement, mood swings, paranoia or hallucinations</p> <p>Health Risks—Death from heart or respiratory failure, stroke or seizures, lung and voice damage, hepatitis or depression caused by withdrawal, AIDS</p>
Heroin (and other opiates)	<p>Performance Effects—Drowsiness, confusion and disorientation</p> <p>Health Risks—Slows breathing rate, sometimes to the point of death, coma, hepatitis or AIDS</p>
Marijuana	<p>Performance Effects—Poor short-term memory, slowed reflexes, problems judging time, depth and distance</p> <p>Health Risks—Lung damage, may harm immune system or fertility</p>
PCP (angel dust)	<p>Performance Effects—Disorganization, hostile feeling toward others, short attention span, poor motor skills</p> <p>Health Risks—Self-inflicted injury, brain hemorrhage, convulsions, coma and death</p>
Steroids	<p>Performance Effects—Aggressive behavior, mood swings, withdrawal can cause depression</p> <p>Health Risks—Liver disease, high cholesterol levels. In men, breast development, small testicles and sterility. In women, deep voice, acne, hair growth and decrease in breast size.</p>
<p>Drug Abuse</p> <p>Services and Programs—Confidential information and counseling services for alcohol and other drugs are available at TMCC and in the Reno/Sparks area. Counseling services include prevention, crisis intervention, assessments and evaluations and treatment via on-campus services and/or community referrals.</p>	
<p>Toll-free Information</p> <p>National Institute on Abuse Hotline 1-800-662-HELP —Refers people to local drug treatment centers and support groups.</p> <p>American Council on Alcoholism Help Line ... 1-800-527-5344 —Refers callers to local alcohol and drug treatment centers.</p> <p>Cocaine Hotline..... 1-800-COCAINE —Will send a brochure on cocaine use.</p>	
<p>Local Groups for Families</p> <p>Alcoholics Anonymous.....775-355-1151</p> <p>Al-Anon.....775-348-7103</p> <p>Family Counseling Service of Northern Nevada.775-329-0623</p> <p>Narcotics Anonymous</p> <p>Reno775-322-4811</p> <p>Carson City775-883-5110</p>	

Federal penalties for trafficking in methamphetamine, heroin, cocaine, PCP, LSD, fentanyl, marijuana and hashish include imprisonment for five years to life and fines of up to \$8 million. Federal penalties for illegal possession of a controlled substance include imprisonment for one year to 20 years and fines of up to \$250,000.

See "Health Risks ASSOCIATED WITH DRUG ABUSE" and "DRUG ABUSE Services and Programs" on page F-21.

Appendix P

Safety and Security

This information is being provided as part of the TMCC commitment to safety and security on campus and is in compliance with the Crime Awareness and Campus Security Act of 1990 (Clery Act).

TMCC is a state-supported institution of higher education within the Nevada System of Higher Education (NSHE). The Dandini campus is located approximately 10 minutes north of downtown Reno in the foothills of Red Peak. The Meadowood Center is located at 5270 Neil Road. The IGT Applied Technology Center is located at Edison Way and Energy Way. The Nell J. Redfield Foundation Performing Arts Center is located on Keystone Avenue.

Reporting of Criminal Actions or Emergencies

To report a crime in progress or an emergency, dial 911. Non-emergency crimes or incidents should be made to the TMCC department of public safety at 674-7900. Fire, police and emergency medical personnel are all available through dialing 911.

The department of public safety is responsible for coordination of law enforcement, safety and emergency response at TMCC. The police department is located in room 241 of the Red Mountain Building, TMCC, 7000 Dandini Blvd., Reno, NV 89512.

There are exterior 911 emergency phones located at the following locations throughout the Dandini campus

- At the front entrance to the E.L. Cord Child Care Facility
- On the north side of the sierra building near parking lot "I"
- On the south side of the vista building near parking lot "AA" and the CitiLift doors
- On the north side of the red mountain building near the Citifare bus stop

These phones dial direct to the regional 911 operator and should be used for emergencies only.

Access to Campus Facilities

Campus buildings and facilities are accessible to members of the campus community and both guests and visitors during normal hours of business, Monday-Friday and limited hours on designated Saturdays and Sundays. The campus is closed on state holidays.

Safety of Campus Facilities

The college maintains a very strong commitment to campus safety and security. Exterior lighting is an important part of this commitment. Motor vehicle parking lots, pedestrian walkways and building exteriors are well lighted. Surveys of exterior lighting on campuses are conducted by police officers on a daily basis. A comprehensive survey of all exterior lighting is conducted by the facilities services department representatives at least once a year. Members of the campus community are encouraged to report any exterior lighting deficiencies to the facilities services department at 775-673-7100.

The facilities services department periodically conducts a comprehensive survey of every exterior door on campus. The purpose of this survey is to ensure that each exterior door and its locking mechanisms are working properly.

Exterior doors on campus buildings are locked and secured each evening by the facilities services department. Door and security hardware operating deficiencies are also reported by the police officers on a daily basis.

Shrubbery, trees and other vegetation on campuses are trimmed on a regular basis. Shrubbery is routinely trimmed at a height of no more than 24" from the ground. Trees are routinely trimmed so that their limbs are no less than six feet from the ground. The facilities services department periodically surveys the grounds of the campus to ensure that shrubbery, trees and other vegetation have been properly trimmed.

Parking lots, buildings and grounds areas are actively patrolled by police officers.

Law Enforcement Authority and Interagency Relationships

TMCC is policed by the department of public safety. TMCC police officers have the same training and authority as other municipal, county or state peace officers. All police officer training exceeds the standards set by the Nevada Peace Officers Standards and Training division. Community services officers are trained non-enforcement safety personnel.

The TMCC department of public safety maintains close working relationships with the Washoe County Sheriff's office and the Reno Police departments. The department of public safety coordinates police services at other TMCC locations, such as the Meadowood Center, the IGT Applied Technology Center, the Nell J. Redfield Performing Arts Center and TMCC High School.

TMCC Police Department Mission Statement

The mission of the TMCC police department is to provide quality law enforcement services founded in community-oriented policing and problem solving principles to effectively meet the demands and unique needs of a regional community college population.

Safety Awareness and Crime Prevention Programs

It is the philosophy of the college that we would much rather prevent crimes from occurring than react to them after the fact. A primary vehicle for accomplishing this goal is the college's comprehensive crime prevention program. The college's crime prevention program is based upon the dual concepts of eliminating or minimizing criminal opportunities, whenever possible, and encouraging students and employees to be responsible for their own safety and the safety of others. The following is a listing of the crime prevention programs and projects employed by TMCC.

1. Escort Program—Provides an escort service, particularly during hours of darkness, for persons walking on campus.
2. New Student Orientation—Crime prevention tips are included in the student handbook and other printed material is made available.
3. Crime Prevention Presentations—Crime prevention presentations are made upon request to such campus groups or organizations as physical plant employees, commuter students, handicapped or disabled students, international students, student government, faculty senate, classified council, specific campus departments and recognized student organizations.
4. New Employee Orientation—Campus safety policies are made available to new employees.

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5. **Printed Crime Prevention Materials**—Printed crime prevention brochures, posters and bookmarks related to motor vehicle security, bicycle security, the escort service, employee security and library security are distributed at crime prevention presentations. Sexual assault and domestic violence prevention/informational brochures are also available at the TMCC police department office, room 241 of the Red Mountain Building.
6. **Electronic Alarm Systems**—An electronic monitoring system monitors a comprehensive network of intrusion detection and duress alarm systems.
7. **Architectural Design**—Technical and crime prevention specialists make significant input into the design of all new and renovated campus facilities as it relates to physical and electronic security systems.
8. **Safety Surveys**—Safety surveys or audits are made periodically for a number of campus facilities each year.
9. **Facilities Surveys**—Comprehensive surveys of exterior lighting, exterior doors and grounds are conducted each year.
10. **Crime Prevention Publicity**—Crime prevention articles and material are published in the student newspaper and the online employee newsletter.
11. **“Victim of Crime” notifications**—TMCC police officers patrol parking lots and proactively look for potential crimes that could occur as a result of persons leaving car doors unlocked, valuables in plain view, etc. A notice is left on the windshield advising the vehicle owner of the officer’s observations.

Crime Reporting

Numerous efforts are made to advise members of the campus community on a timely basis about campus crime and crime-related problems.

1. **Annual Report**—A comprehensive annual report of crime-related information is compiled, published and widely distributed. This annual report is available to the media and any member of the campus community.
2. **Student Newspaper**—The student newspaper, ECHO publishes a summary of criminal incidents that occurred the preceding month. If a serious or unique crime(s) has occurred, a special article is usually printed in the student newspaper.
3. **Special Alerts**—If circumstances warrant it, special printed crime alerts can be prepared and distributed selectively or throughout campus.
4. **Crime Statistics**—The college believes that an informed public is a safety-conscious public. Campus crime statistics are published annually by TMCC in compliance with the Crime Awareness and Campus Security Act of 1990 in the TMCC course catalog and are distributed via e-newsletter to faculty, staff and students. TMCC crime statistics are also available on the TMCC police department Web page at www.tmcc.edu/policedept. If you have any questions, contact the department of public safety at 775-674-7900.
5. **Registered Sex Offenders**—Section 1601 of Public Law 106-386 requires all sex offenders who are employees of, students of, or visitors to the Truckee Meadows Community College to register with TMCC Police Department. This includes employees of private contractors or other public entities who work at the college.

Offenders must comply with the registration requirements of NRS 179D. Pursuant to NRS 179D.240, offenders must register if they are a resident of the state or are present for 48 hours or more in any jurisdiction in which they will have a presence.

Additional information is available at the department of public safety, 775-674-7900.

Safety Tips

- Avoid working or studying alone at night.
- Stay in well-lit areas, walk mid-point between curbs and buildings, away from alleys and bushes.
- Don’t carry extra credit cards or money.
- Walk with someone whenever possible; use the buddy system
- Use TMCC’s escort service after dark.
- If your purse or wallet is snatched, don’t fight back. Turn it over rather than risk personal injury and report the incident immediately.
- Do not place purses, portable radios, stereos, TV sets or other valuables near windows, which can be smashed by a tempted burglar.
- Carry a whistle. This can serve as a reminder to exercise caution and can alert anyone in the area that you need help.
- Keep an inventory of valuable possessions.
- Keep doors locked, even if you are only away for a few moments.
- Do not mark your key chain with your name, address or license number; lost keys lead to theft.
- Get to know your neighbors. Establish a neighborhood watch system and share information on suspicious circumstances.
- Call the department of public safety with any safety concerns.

Tips for Safe Biking

Bicycling is an enjoyable and practical means of transportation on TMCC campuses. However, bike theft accounts for the largest percentage of theft on college campuses. Most problems can be avoided, however, if simple safety and security rules are followed.

- Photograph your bike, write down the make, model and serial number and keep that information available in case your bike is lost or stolen.
- Use bicycle racks and high security locks.
- Report suspicious activity around bike racks.
- Perform routine bike maintenance.
- Walk your bike across the busy intersections.
- Ride defensively and with caution.

TMCC Awareness and Campus Security Report Crime Statistics

Dandini Campus			
Crimes	2004	2005	2006
Murder/Non-negligent Manslaughter	0	0	0
Manslaughter by Negligence	0	0	0
Rape/Forcible or Non-forcible Sex Offenses	0	0	0
Robbery	1	0	0
Aggravated Assault	0	0	0
Burglary	9	6	2
Motor Vehicle Theft	0	0	0
Arson	0	0	0
Hate/Prejudice Crimes	0	0	0
Weapon Law Violations	0	0	0
Drug Abuse Violations	0	1	1
Liquor Law Violations	0	0	0
Total	10	7	3

IGT Applied Technology Center, Edison Campus			
Crimes	2004	2005	2006
Murder/Non-negligent Manslaughter	0	0	0
Manslaughter by Negligence	0	0	0
Rape/Forcible or Non-forcible Sex Offenses	0	0	0
Robbery	0	0	0
Aggravated Assault	0	0	0
Burglary	1	0	0
Motor Vehicle Theft	0	0	0
Arson	0	0	0
Hate/Prejudice Crimes	0	0	0
Weapon Law Violations	0	1	0
Drug Abuse Violations	0	0	0
Liquor Law Violations	0	0	0
Total	1	1	0

Meadowood Center			
Crimes	2004	2005	2006
Murder/Non-negligent Manslaughter	0	0	0
Manslaughter by Negligence	0	0	0
Rape/Forcible or Non-forcible Sex Offenses	0	0	0
Robbery	0	0	0
Aggravated Assault	0	0	0
Burglary	0	4	1
Motor Vehicle Theft	2	0	0
Arson	0	0	0
Hate/Prejudice Crimes	0	0	0
Weapon Law Violations	0	0	0
Drug Abuse Violations	0	0	0
Liquor Law Violations	0	0	0
Total	2	4	1

Meadowood Center, Public Property			
Crimes	2004	2005	2006
Murder/Non-negligent Manslaughter	0	0	0
Manslaughter by Negligence	0	0	0
Rape/Forcible or Non-forcible Sex Offenses	0	0	0
Robbery	0	0	0
Aggravated Assault	0	0	0
Burglary	0	0	1
Motor Vehicle Theft	2	0	0
Arson	0	0	0
Hate/Prejudice Crimes	0	0	0
Weapon Law Violations	0	0	0
Drug Abuse Violations	0	0	0
Liquor Law Violations	0	0	0
Total	2	0	1

Redfield Performing Arts Center
The Redfield Performing Arts Center opened September 2003 and reports zero in all categories for 2004, 2005 and 2006.

High Tech Center at Redfield
The High Tech Center at Redfield opened August 29, 2005 and reports zero in all categories for 2005 and 2006. * A vehicle that was reported stolen by Reno PD in September of 2006 was recovered in the parking lot of this campus by UNRPD in September of 2006.

Safety in the Workplace

Here are some suggestions for ensuring safety in the office or laboratory.

- When working late, make sure doors are locked.
- Keep your purse in a locked cabinet or drawer. Never leave it on or underneath a desk.
- Contact TMCCPD (when available) for an escort when traveling to and from your car on the Dandini Campus.
- Avoid using stairs in remote sections of a building.
- Never prop doors open, especially fire doors, even for a short time.
- Do not hold the door open for strangers after normal business hours.

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Sexual Assault Information

What is Sexual Assault?

Sexual assault is a violation of Nevada state law. Sexual assault is an act in which a person subjects another person to sexual penetration, or who forces another person to make a sexual penetration on himself or another, or on a beast, against the will of the victim or under conditions in which the perpetrator knows or should know that the victim is mentally or physically incapable of resisting or understanding the nature of his conduct (NRS 200.366).

Who are the victims of sexual assault?

Anyone can be a victim of sexual assault, regardless of age, race, socioeconomic status, cultural background, religion, marital status, physical or mental ability, gender or sexual orientation. A person can be assaulted by their spouse. One out of every three women will be assaulted at least once in their lifetime. One out of every four girls and one out of every six boys will be assaulted before their 18th birthday (Retrieved on September 25, 2003 from <http://crisiscallcenter.org>).

What should you do if you are sexually assaulted?

- Get to a safe place
- Get medical attention immediately
- Do not change your clothes
- Do not bathe or douche
- Do not brush your teeth or use mouthwash
- Do not eat or drink anything
- Do not apply medication
- Do not clean up the crime scene
- Report the incident to the Police

Who can help you?

Truckee Meadows Community College, Dandini Campus

- TMCC Police Department, RDMT 241, 674-7900
- Counseling Center, RDMT 325, 673-7060
- Student Services, RDMT 120, 673-7114

Community Services

- Sexual Assault Support Services and the Crisis Call Center (24-hour), 784-8090 or 1-800-992-5757, www.crisiscallcenter.org
- Nevada Victims of Crime Program, 688-2900, www.voc.nv.gov
- Victim-Witness Assistance Program, 1-800-866-3210, www.washoe.nv.us
- C.A.R.E – Child Abuse Response and Evaluation/Sexual Assault Response Team, 328-3249, www.co.washoe.nv.us

Appendix Q

Religious Holiday Observations

It is the policy of NSHE to be sensitive to the religious obligations of its students. Religion is one area of diversity recognized by TMCC. Any student missing class, quizzes, examinations or any other class or lab work because of observance of religious holidays shall, whenever possible, be given an opportunity during that semester to make up the missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor in writing, on the first day of class or no later than 10 days in advance, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. Examples of such holidays are Rosh Hashanah and Yom Kippur.

If the student has notified the instructor in a timely manner, and the instructor will not provide an opportunity to make up the work, the student shall have the right to appeal the decision. This appeal shall be directed to the dean of the instructional division or other appropriate administrative officer, who will be the final authority for determining whether a make-up is feasible.

Appendix R

Policy on Unsupervised Children

TMCC discourages students, staff and visitors from leaving children unsupervised in the building or campus grounds. TMCC employees and security personnel will try to locate parents or other adults responsible for the children and ask that children not be left unsupervised.

Continued lack of supervision of children can result in TMCC staff and police personnel contacting Washoe County Child Protective Services. Responsible adults may face charges of abandonment and/or neglect of younger children.

Parents or adults responsible for children are encouraged to find appropriate care for their children during the period they are attending classes at TMCC.

Children are not allowed to sit in on TMCC classes. Any exception to this policy must be approved by the instructor.

Parents seeking drop-in child care services can call the Child Care Resource Council at 775-785-4200 for a list of child care facilities.

TMCC has partnered with the Boys and Girls Club of Truckee Meadows to establish a new school-aged drop-in facility on the Dandini Campus. It is open from 4:45 to 10:15 p.m. Monday through Thursday. Transportation will be available from many area schools to the Boys and Girls Club at 2680 East 9 Street, and from there to TMCC. To enroll, all you need to do is complete a membership application, pay a \$15 annual fee per child, and attend an orientation. Space is limited. For more information, call Mike Wurm, Boys and Girls Club, 775-331-3605.

Appendix S

Nevada System of Higher Education AIDS Guidelines

The Nevada System of Higher Education, in order to address the personal, administrative, medical, and legal problems associated with the Acquired Immune Deficiency Syndrome (AIDS), has established the following guidelines. These are intended to provide direction for our institutions when dealing with the disease of AIDS and AIDS-related issues.

1. The primary response of Nevada System of Higher Education institutions to AIDS should be increasing awareness and education—for students, employees, faculty and others. Effective education based upon the best currently available information will aid in preventing the spread of the disease.
2. Individuals will not be required to undergo screening for AIDS as a condition of enrollment, employment or financial services. Faculty, students and staff who are diagnosed as having AIDS, AIDS-related complex or a positive antibody test and who are otherwise qualified should be afforded normal classroom attendance, working conditions, benefits and participation in curricular and extracurricular activities in an unrestricted manner, as long as they are physically and psychologically able to do so. Decisions regarding such individuals will be made on a case-by-case basis, taking into account the individual's behavior and physical condition.

3. The American College Health Association special report entitled AIDS on the college campus contains guidelines based upon current knowledge of AIDS-related issues. It is suggested NSHE institutions refer to this report for guidance in addressing local needs.
4. It is also recommended that the Center for Disease Control guidelines be used to ensure safety of students, staff and faculty handling human blood, blood products and other body secretions.
5. Each NSHE institution will establish procedures to respond to AIDS-related concerns, as well as to public inquiries.

These guidelines will be revised as necessary, in response to the release of new scientific information.

APPENDIX T

STUDENT BILL OF RIGHTS

Preamble

Truckee Meadows Community College exists for the transmission of knowledge, the pursuit of truth, the development of students, and the general well being of society. Free inquiry and free expression are indispensable to the attainment of these goals. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. Freedom to teach and freedom to learn are inseparable facets of academic freedom. The freedom to learn depends upon opportunities and conditions in the classroom, on the campus, and in the larger community.

The responsibility to secure and to respect general conditions conducive to the freedom to learn is jointly shared by all members of the academic community. Students exercising the rights and freedoms defined in this document shall do so with concomitant responsibilities as prerequisites for achievement of the educational objectives involved. Freedom to teach and freedom to learn are alike dependent upon modes of individual and collective conduct as permit the orderly exchange and pursuit of knowledge and opinion. A regard for the college as a physical as well as a social entity is a condition of its satisfactory functioning. Truckee Meadows Community College has a duty to develop policies and procedures that provide and safeguard these conditions. Policies and procedures should be developed at the college within a framework of general standards and with the broadest possible participation of the members of the academic community. The purpose of the following is to enumerate essential student freedoms. The term "student" shall herein refer to any person registered at TMCC for any course at any level.

Freedom of Access to Higher Education

See also APPENDIX A

Truckee Meadows Community College shall admit students without regard to race, age, religion, color, sex, handicap, national origin or political belief.

All facilities of the college shall be open to all students who meet the entrance qualifications and who maintain current such academic qualifications as may be required by the college.

The college should use its influence to secure equal access for all students to public facilities in the local community.

In the Classroom

See also APPENDIX L

The professor in the classroom and in conferences shall encourage free discussion, inquiry, and expression. Student performance shall be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards.

1. Protection of Freedom of Expression – Students shall be free to take reasoned exception by legal means to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they shall be responsible for learning the context of any course of study for which they are enrolled.
2. Protection Against Improper Academic Evaluation – Students shall have protection through orderly procedures as established by the President of the college against prejudiced or capricious academic evaluation. At the same time, they shall be responsible for maintaining standards of academic performance established for each course in which they are enrolled.
3. Protection Against Improper Disclosure – The teacher-student relationship is a unique one to society. Information about student views, beliefs, and political associations which professors acquire through private consultations and private classroom work intended to be seen only by the professors shall be considered confidential. Protection against unreasonable and improper disclosures about student views, beliefs, and political associations which professors acquire in the classroom is a serious professional obligation. The judgment of ability (academic evaluation) and character (related to the discipline of study) may be provided under appropriate circumstances, normally with the knowledge and consent of the student.

Student Records

See also APPENDIX G

1. The privacy and confidentiality of all student records shall be preserved. Official student academic records, supporting documents, and other student files shall be maintained only by full-time members of the institution staff employed for that purpose. Separate files shall be maintained of the following: academic records, supporting documents, general educational records, records of discipline proceedings, medical and psychiatric records, and financial aid records.
2. No entry may be made on a student's academic record and no document may be placed in his file without actual notice to the student. Publication of grades and announcement honors constitute notice.
3. Access to his records and files is guaranteed every student subject only to reasonable regulation as to time, place, and supervision. The student may waive this right of access in respect to confidential evaluations and references in the graduate and other placement offices, which may be required for the purpose of securing placement in business, industry, government, or education. Exceptions to this right of access are:
 - a. Financial records of parents.
 - b. Confidential letters and statements of recommendation placed in the file before January 1, 1975.
 - c. Records which the student has waived the right to inspect.
 - d. Records of instructional, supervisory, and administrative personnel which are in the sole possession of the maker and which are not accessible or revealed to any other person except a regular replacement for that record holder. An example would be a professor's grade book.
 - e. Record of law enforcement agencies which are kept separate from educational records, maintained only for law enforcement purposes, and available only to law enforcement officials of the same jurisdiction.

- f. Privileged records of physicians, psychiatrists, and other professionals or para-professionals concerned with the treatment of a student and available only to other professionals and para-professionals providing treatment.
(Students may designate a physician or other appropriate professional to view the records.)
- 4. No record may be made in relation to any of the following matters except upon the express written request of the student: (a) race, (b) religion, (c) political or social view, and (d) membership in any organization other than honorary and professional organizations directly related to the educational process.
- 5. No information in any student file may be released to anyone except with the prior written consent of the student concerned or as stated below:
 - a. Members of the faculty with administrative assignments may have access for internal administrative and statistical purposes.
 - b. The following data may be given any inquirer at the Registrar's discretion:
 - school or division of enrollment, periods of enrollment and degrees awarded, honors, major field, local and permanent address, and local telephone number.
 - c. Educational records and personally identifiable information contained within may be released to other officials, legally authorized governmental agencies or officials, accrediting agencies, or other schools in which the student seeks to enroll.
 - d. Records requested in compliance with judicial order or in an emergency involving the health or safety of a student or other person.
 - e. Students may request in writing to withhold the release of information defined in paragraph 5.b above. Requests should be made to the Office of Admissions and Records.
- 6. Provision shall also be made for periodic destruction of noncurrent disciplinary files, except those cases of expulsion.

Student Affairs

Freedom of Association

See also APPENDICES J AND K

1. For any legal purpose students shall be free to organize and join associations to promote their common interests and shall be free to determine their own membership, policies, and actions.
2. Affiliation with an extramural organization shall not in itself affect recognition of a student organization.
3. Campus organizations which include students, including those affiliated with an extramural organization, shall be open to all students without respect to race, creed, or national origin. They shall not be required to submit a membership list as a condition of institutional recognition.

Freedom of Inquiry and Expression

See also APPENDICES J AND K

1. Students and student organizations shall be free to examine and discuss all questions of interest to them and to express opinions publicly and privately. They shall be free to support causes by legal and orderly means which do not interfere with the operation of the college or of its educational objectives.
2. Freedom to speak and to hear will be maintained for students, faculty, and staff and college policies and procedures will be used to provide a full and frank exchange of ideas. An effort should be made to allow a balanced program of speakers and ideas.
3. An invitation to speak at Truckee Meadows Community College does not imply that the college endorses the philosophy or ideas presented by the speaker.

Student Participation in College Government – As constituents of the academic community, students shall be free, individually and collectively, to express their views on issues of college policy and on matters of general interest to the student body. The student body shall have clearly defined means to participate in the formulation and application of college policy affective academic and student affairs. The roles of the student government and both its general and specific responsibilities shall be made explicit, and the actions of the student government within the areas of its jurisdiction shall be reviewed only through orderly and prescribed procedures.

Student Publications – Student publications and the student press are valuable aids in establishing and maintaining an atmosphere of free and responsible discussion and of intellectual exploration of the campus. They are a means of bringing student concerns to the attention of the faculty and the administration and of formulating student opinion on various issues on the campus and in the world at large.

In the delegation of editorial responsibility to students, the college shall provide sufficient editorial freedom and financial autonomy for the student publications to maintain their integrity or purpose as vehicles for free inquiry and free expression in the academic community.

As safeguards for the editorial freedom of student publications the following provisions are necessary:

1. The student press shall be free of censorship and advance approval of copy, and its editors and managers shall be free to develop their own editorial policies and news coverage.
2. Editors and managers of student publications shall be protected from arbitrary suspension and removal because of student, faculty, administrator, or public disapproval of editorial policy or content (Board of Regents, 7/76).
3. All student publications shall explicitly state that the opinions expressed therein are not necessarily those of the college or student body. The editorial freedom of student editors and managers shall entail corollary responsibilities to be governed by the canons of responsible journalism, as prescribed by the Student Publications Board and approved by the Board of Regents, and offer reasonable opportunities for rejoinder to the same audience.

Off-Campus Freedom of Students

See also APPENDIX K

Exercise of Rights of Citizenship – Truckee Meadows Community College students are both citizens and members of the academic community. As citizens, students have the same freedom of speech, peaceful assembly, and right of petition that other citizens enjoy and, as members of the academic community, they are subject to the obligations that accrue to them by virtue of this membership.

Institutional Authority and Civil Penalties – The college has no legal authority over a student when he is outside college property unless engaged in official college activities, except as provided elsewhere. Students who violate the law may incur penalties prescribed by civil authorities, but institutional authority shall not be used merely to duplicate the function of general laws. Only where institutional interests as an academic community are distinct from those of the general community may disciplinary proceedings be invoked by the institution. Institutional action shall be independent of community pressure.

Procedural Standards in Disciplinary Proceedings

See also APPENDIX L

The authorities of educational institutions have the inherent power and responsibility to protect the educational purpose through the regulation of the use of their facilities and through the establishing of standards of conduct and scholarship for the students who attend. Disciplinary action plays a role substantially secondary to example, counseling, guidance, and admonition. When warranted, disciplinary proceedings shall be enforced, and when they are, proper procedural safeguards shall be observed to protect the student from the unfair imposition of penalties.

The administration of discipline shall guarantee procedural fairness to an accused student. The jurisdictions of faculty and/or student judicial bodies or other regularly established judicial bodies, the disciplinary responsibilities of college officials, and the regular disciplinary procedures, including the student's right to appeal a decision, shall be clearly formulated and communicated in advance. In all situations, procedural fair play shall require that the student be informed of the nature of the charges against him/her, and that he/she shall be given a fair opportunity to refute them, that the college shall not be arbitrary in its actions, and that there shall be provision for appeal of a decision.

Standards of Conduct Expected of Students – The college has an obligation to clarify those standards of behavior which it considers essential to its educational mission and its community life. Offenses shall be clearly defined and interpreted in a manner consistent with the aforementioned principles. Disciplinary proceedings shall be instituted only for violations of existing standards of conduct and those which will be formulated with student participation and published in advance.

It shall be the student's obligation to become aware of college rules and regulations and to conduct himself/herself as a responsible citizen, to abide by the college's stated rules and regulations, and to express either assenting or dissenting opinions in an orderly manner.

Investigation of Student Conduct

1. Premises occupied by students, whether college controlled or not, and the personal possessions of students shall not be searched without permission or without legal authority. Such legal authority includes that which arises from the college-student relationship.
2. Students accused of serious violations of college regulations shall be informed of their rights by the college official in charge of student discipline. Institutional representatives shall not coerce admissions of guilt.

Status of Students Pending Final Action – Pending action on criminal charges off campus or disciplinary proceedings on campus, the status of a student shall not be altered or his/her right to be present on the campus and to attend classes suspended, except for reasons relating to the safety and well-being of students, faculty, administration, or to college property. In circumstances of the magnitude described above, the President of the college may suspend a student pending decision on the charges.

Hearing Procedures – A student may request a hearing before a hearing committee on a disciplinary charge. The following suggested procedure shall satisfy the requirements of "procedural due process":

1. Hearings shall be instituted with dispatch after a student is charged with an offense. Students shall be notified in time to prepare an adequate defense against those charges.

2. The student shall be informed, in writing, of the reasons for the proposed disciplinary action with sufficient particularity and in sufficient time to ensure opportunity to prepare for the hearing.
3. The student appearing before a hearing committee shall have the right to be assisted in his/her defense by an adviser of his/her choice.
4. The burden of proof rests upon the officials bringing the charge.
5. The student shall be given an opportunity to testify and to present evidence and witnesses. The student shall have an opportunity to hear and question adverse witnesses. In no case shall a hearing committee consider written or recorded statements against him/her unless he/she has been advised of their content and the names of those who made them, and unless he/she has been given an opportunity to rebut unfavorable inferences which might otherwise be drawn.
6. All matters upon which the decision may be based shall be introduced into evidence at the proceeding before a hearing committee. The decision shall be based solely upon such matters. The admissibility of evidence shall be determined by the hearing board and subject to review through appeal.
7. The student is entitled to a closed hearing upon his/her request.

Student Appeals Board

See also APPEALS SECTION in Course Catalog

Purpose of the Appeals Board:

1. The Student Appeals Board is only a recommending board to the President. The President or his designee makes the final decision.
2. The Student Appeals Board does review appeals which deal with processes outlined in the college catalog or with issues involving financial holds, admissions and records procedures, or anything which can be interpreted as a possible injustice to the student.
3. The Student Appeals Board does not handle affirmative action issues, grade change issues or policies within the classroom, disciplinary issues or student financial aid appeals.
4. Affirmative action issues must follow Board of Regents Handbook policies for discrimination/sexual harassment. Affirmative action issues are referred to the Affirmative Action Officer.
5. Grade change issues or policies within the classroom are referred through the instructor, then to the Chair or program coordinator, and finally to the appropriate instructional Dean. The Dean has final authority for grade change issues or policies within the classroom.
6. Disciplinary issues must follow the Board of Regents Handbook and are referred to the appropriate individuals depending upon the type of infringement that has occurred.
7. Financial Aid has its own Student Financial Aids Appeal Board.
8. All students are to start any kind of appeals process with the Associate Dean of Student Support Services. The Associate Dean of Student Support Services then refers the appeal to the appropriate person/s.

Religious Holiday Observation

See also APPENDIX Q

It is the policy of NSHE to be sensitive to the religious obligations of its students. Any student missing class, quizzes, examinations, or any other class or lab work because of observance or religious holidays shall, whenever possible, be given an opportunity during that semester to make-up the missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor in writing, on the first day of class or not later than ten days in advance, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. Examples of such holidays are Rosh Hashanah and Yom Kippur.

If the student has notified the instructor in a timely manner, and the instructor will not provide an opportunity to make-up the work, the student shall have the right to appeal the decision. This appeal shall be directed to the Dean of student Development, who will be the final authority for determining whether a make-up is feasible.

Sexual Harassment

See also APPENDIX N

TMCC Sexual Harassment Approved Policy

The sexual harassment of any employee or student of Truckee Meadows Community College is absolutely forbidden. The President has designated the Affirmative Action Officer as the official who is responsible for receiving and investigating complaints of sexual harassment. Any employee, supervisor, or administrator who is made aware of an alleged incident of sexual harassment will take immediate action to bring the matter to the attention of the Affirmative Action Officer.

Sexual Harassment Defined

Unwelcome sexual advances requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when:

1. Submission to such conduct is made either explicitly or implicitly a term or condition of employment admission, or academic evaluation;
2. Submission to or rejection of such conduct by an individual is used as a basis for employment decision or an academic evaluation affective such individual;
3. Such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or a student's academic performance, or creating an intimidating, hostile, or offensive working or learning environment.

Bad faith allegations or use of this policy for unintended purpose will result in disciplinary action against the accuser.

education



GLOSSARY OF COLLEGE TERMS

Glossary

This glossary defines words that are commonly used in the catalog. Please refer to the page number for more detailed information.

ADD/DROP (SEE PAGES A-6 TO A-7)

Add—to increase the number of credits one is taking during a semester. Students may add classes any time during the published registration period. Late starting classes may be added using the registration system before the published start date of the class.

Drop—to decrease the number of credits one is taking during a semester. Students may use the registration system to drop classes two weeks prior to the official last day of the semester for full-term classes. Students must drop rather than stop attending a class to be officially withdrawn from the course.

ADMINISTRATIVE WITHDRAWAL

Although it is the students' responsibility to officially drop classes that they are unable to attend, in certain circumstances—such as nonattendance or lack of prerequisites—instructors may administratively drop students from class. Students are held financially responsible for courses they have enrolled in. Please refer to the refund policy for specific details.

ARTICULATION

The process a college or university uses to accept and/or apply credits from another institution toward a degree program.

ASSESSMENT/TESTING (SEE PAGE A-5)

Some of the testing services available at TMCC include ACCUPLACER testing of English and math skills and credit by examination—College Level Examination Program (CLEP). These tests either help identify the appropriate course level for student or provide college credit.

ASSOCIATE OF ARTS DEGREE

For students who are planning to transfer to a university to complete a bachelor of arts degree. With an associate of arts degree, students are qualified to transfer to a four-year college or university with junior standing.

ASSOCIATE OF SCIENCE DEGREE

For students who are planning to transfer to a university to complete a bachelor of science degree. The associate of science degree provides the math and science background students need to transfer to a four-year college or university with junior standing.

ASSOCIATE OF APPLIED SCIENCE

For students who are preparing for a specific occupation in health, business, industrial or technical areas. This degree does not transfer to a Nevada four-year college or university, but individual courses may transfer.

ASSOCIATE OF GENERAL STUDIES (SEE PAGE B-99)

For students who want to study a variety of subjects and are not planning to transfer to a university to earn a bachelor's degree. This degree does not transfer to a four-year college or university, but individual courses may transfer.

AUDIT (SEE PAGE A-6)

Enroll in a class for no credit and no grade.

B AND C DESIGNATORS—

"B" designator—indicates either that the course will not transfer to a Nevada university or that the Nevada universities have not, as yet, made a determination of transfer status (see page WS-6).

"C" designator—indicates that the course is under the workforce development and continuing education division and implies personal interest. The course will not transfer to a Nevada university.

CALL NUMBER

The five-digit number used to identify each class at TMCC.

CERTIFICATES OF ACHIEVEMENT

For students who need specialized training but not a college degree for an occupation in health, industry, or technology. Certificates do not transfer to a four-year college or university, but individual courses may transfer.

CERTIFICATE OF ENROLLMENT

A document available from the admissions and records office which verifies the number of credits earned and semesters the student has attended TMCC. Students may need a certificate of enrollment for insurance purposes or loan deferments.

CLASS SCHEDULE

The official listing of all TMCC classes, instructors' names, call numbers, registration information, locations and dates, published each semester.

COMMENCEMENT

A ceremony held in May to honor students who have been graduated with an associate degree or certificate of achievement during the fall, spring or summer term.

CONTINUING STUDENTS

Students who are currently enrolled or have previously enrolled at TMCC.

COURSE CATALOG

An annual publication listing degree programs, course descriptions, policies, procedures and student responsibilities at TMCC.

COURSE NUMBER

A number that identifies a specific course by level of proficiency, e.g., ENG 101. See also B and C designators.

001 - 099—Developmental

100 - 199—Freshman level

200 - 299—Sophomore level

COREQUISITE

A course that must be taken during the same semester as another course.

CREDIT HOUR

The number of hours per week and the number of weeks a course meets define the number of credit hours assigned to each course. Academic credit is a measure of the total time commitment required of a typical student in a particular course of study. Total time consists of three components:

1) time spent in class

2) time spent in the laboratory, studio, fieldwork or other scheduled activity;
and

3) time devoted for reading, studying, problem solving, writing or preparation.

CREDIT OVERLOAD

Taking more than 17 credits in fall or spring or more than six credits during a summer session. An overload requires an advisor's approval.

DEGREE AUDIT REPORT (DAR) (SEE PAGE A-8)

A report available from the Admissions and Records office that evaluates the credits, including transfer credits, students have accumulated toward a degree and/or certificate.

DEGREE REQUIREMENTS—

Core Requirements—required courses within an emphasis area. All emphases within a degree program require completion of common core courses.

Electives—self-selected courses taken in addition to the required courses to earn 60 credits for an associate degree. Many of the associate of applied science degrees do not have elective requirements.

Emphasis Requirements—required courses in the occupational and technical areas.

General Education Requirements—groups of required courses, such as math and English, which support development of the emphasis.

DROP—(SEE ADD/DROP)

DUAL CREDIT

Courses approved by Washoe County School District for high school juniors and seniors attending TMCC to earn both college and high school credits.

DUAL DEGREE (SEE PAGE A-10)

Earning more than one degree from TMCC.

DUAL ENROLLMENT

Attending TMCC and a high school or another college or university at the same time.

FRESHMAN STUDENTS

Students who have earned fewer than 30 credits.

GOOD NEIGHBOR

A policy enabling students to be eligible for a reduced tuition rate if they reside in or were graduated from a school in one of the approved counties neighboring Nevada.

GRADE POINT AVERAGE (GPA)

The averages computed by multiplying the number of credits of a class by the points associated with the grade earned and dividing by the total number of credits taken.

INTERNSHIPS (SEE PAGE B-10)

Courses that integrate classroom study with related work experience in the student's place of employment or major field of academic interest.

MATRICULATING CATALOG

The course catalog in use when the student first enrolled.

MATRICULATION

The date of the first day of instruction in the semester in which enrollment first occurs. A grade for the course need not be earned.

NEW STUDENTS

Students who have never attended an institution of higher education.

NSHE SYSTEM TRANSFER GUIDE

A publication that explains how each course transfers within the post-secondary schools of Nevada. The NSHE System Transfer Guide is available online at www.nevada.edu.

ORIENTATION

An introduction to TMCC that includes a general overview of the college, campus tour, student development presentation, pre-admission process and academic advisement.

PREREQUISITE

A class, test or other requirement that must be completed before a student takes a higher level course.

QUEST

Quality Education Starts at TMCC is a program designed for first-year, degree-seeking, full-time students to build a strong foundation for college success by taking English, math and college success classes the first semester.

REPEAT

Taking certain approved courses more than once for additional credit.

RESIDENT (SEE PAGES F-1 TO F-5)

The determination that a student is a resident of Nevada and therefore qualifies for resident tuition.

RETAKE

Taking a course more than once to improve a grade. Credit is granted once, both classes appear on the student's record, and the higher grade is used to compute the GPA.

SENIOR CITIZEN (SEE PAGE A-11)

In-state persons who are 62-years-old or older may be eligible for reduced fees. Fees may be FREE for some classes.

SOPHOMORE STUDENT

A student who has earned 30 credits, but has not completed all of the requirements for an associate degree.

TRANSCRIPT OF RECORD (SEE PAGE A-9)

A cumulative report summarizing the student's enrollment: grades, credits and grade point summaries.

TRANSFER GUIDE

A publication available from the counseling and advisement center that outlines the curriculum for university majors and identifies required courses that can be taken at TMCC and transferred to the University of Nevada, Reno.

TRANSFER STUDENTS

Students who have not attended TMCC but have attended college elsewhere.

UNIVERSITY PARALLEL

TMCC courses that are the same as the courses taught at a university or four-year college.

WEB-REG

Online registration system (www.tmcc.edu) used to enroll in classes, pay fees, check admission and financial aid status and view grades or print unofficial transcripts.

WORK STUDY (SEE PAGE A-13)

For eligible students, a program that provides federal or state funds that can be earned by working in an approved job. Jobs can be on campus or off-campus at a local nonprofit agency. Students apply by using the free financial aid application, which is available online at www.tmcc.edu.

WESTERN UNDERGRADUATE EXCHANGE (WUE)

An agreement by which students from a western state can participate in TMCC educational programs at a reduced tuition rate.

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