



October 21, 2016



Truckee Meadows Community College  
Facilities Master Plan 2014

2016 Addendum



## Letter from the President



Community college spaces are integral to student success and engagement. The TMCC Facilities Master Plan is vital to our overall planning efforts and aligns with TMCC's Strategic Plan.

This plan is also a blueprint for how we sustain excellence in a competitive context that includes both public and private institutions. It sets a direction for TMCC that expresses the desire of students to spend more time on campus, not less. It also indicates that we need to do more to attract students to the campus in the first place, including creating a campus that is deepened by the experiences and stories of students who come to study from all over the world.

We are proud of recent renovations at the William N. Pennington Health Sciences Center at the Redfield campus and the William N. Pennington Applied Technology Center on Edison Way. These modern facilities demonstrate our commitment to support workforce development that is critical to northern Nevada's efforts to diversify its economy. And yet, work must continue in order to ensure that TMCC remains excellent across the board and thus competitive. This updated plan includes a much needed theatre so that we can vacate an expensive lease arrangement located in a challenging spot relatively far from campus. The amendments also expand Culinary Arts through the creation of the Sierra Culinary Institute and Recipe Science space. The new plan creates a much needed large event center allowing greater opportunities for student involvement in the V. James Eardley Student Center as students are often displaced by outside community events. Perhaps most interesting is that the new "EATS" facility will serve as the living learning laboratory for entertainment technicians who continue to be in great demand by the region's hospitality and convention employers.

This amendment includes a call to action by our students to create a campus culture that celebrates healthy lifestyle and outdoor activity through physical recreation and team sports. With the addition of a TMCC Fitness Complex that will include green open space, a soccer field, and track the College's newest chapter is written signifying a new and improved TMCC. Through increased student engagement we aspire to reversing the part-time student trend because we know that in doing so more students will complete their degrees. If we expect students to be on campus full-time we must create the conditions that inspire them to do so and outdoor venues are a key element. The SGA-led recreational and sports track and field are long overdue for TMCC and a step in that direction.

Your support of TMCC and this plan is greatly appreciated as the college designs a campus that invites all residents to be part of their community college and to seek lifelong learning options. Perhaps more importantly this plan inspires our degree seekers to stay and complete their programs. Through greater student and community engagement, it enhances our ability to fulfill our mission by providing academic excellence, improving student success, and expanding access to lifelong learning.

Regards,

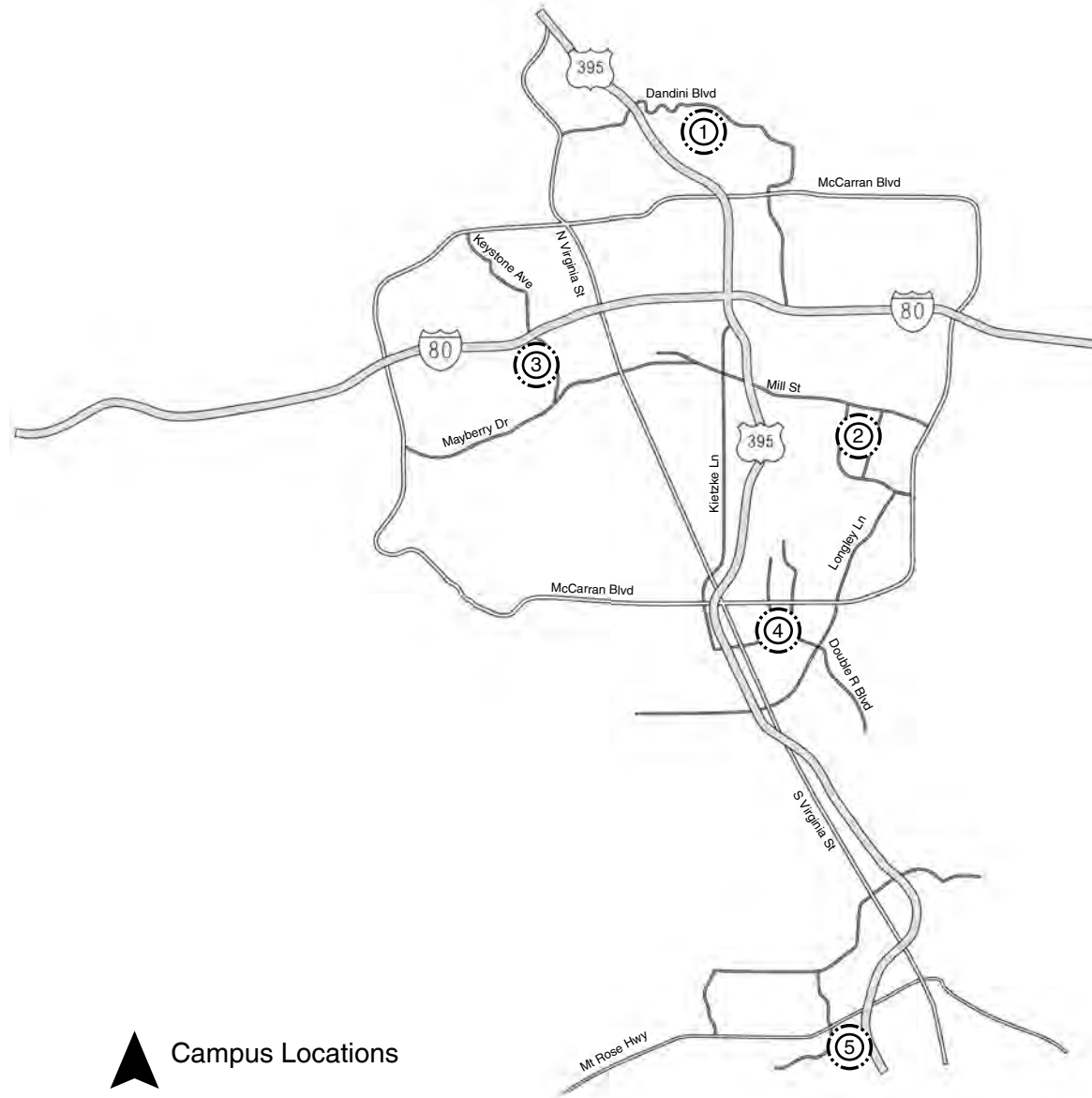
A handwritten signature in black ink that reads "Karin M. Hilgersom". The signature is written in a cursive style.

Dr. Karin Hilgersom  
President





- ① Dandini Campus  
7000 Dandini Blvd.  
Reno, Nevada 89512
- ② IGT Applied Technology Center  
475 Edison Way  
Reno, Nevada 89502
- ③ Redfield Performing Arts Center  
505 Keystone Ave.  
Reno, Nevada 89503
- ④ Meadowood Center  
5270 Neil Rd.  
Reno, Nevada 89502
- ⑤ Redfield Health Science Center  
18600 Wedge Pkwy., Building B  
Reno, Nevada 89511



▲ Campus Locations

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Letter from the President

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## 7 CONTRIBUTORS

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## EXECUTIVE SUMMARY

### MASTER PLAN OVERVIEW

The 2014 Truckee Meadows Community College Facilities Master Plan establishes a physical framework in support of TMCC's educational mission. The master plan examines the current use of existing space on all the campuses. The master plan looks internally at the functionality of the academic divisions and administrative departments and makes recommendations which come in two forms: utilization improvements and facility renovations. The master plan also proposes exterior improvements to improve the appearance and infrastructure of each center.

### PURPOSE

The purpose of the project is to update the Truckee Meadows Community College Facilities Master Plan published in 2004. The Nevada System of Higher Education (NSHE) Board of Regents requires each institution's master plan to be updated every 10 years. In addition to the NSHE requirement, TMCC is committed to review of the master plan to ensure the document reflects current conditions and the future vision of the College.

This document is the result of a two-phase process to update the 2004 plan. The initial phase focused on classroom utilization and an evaluation of the organization of each building.

Phase 2 centers on exterior planning in the areas of traffic planning, site circulation, parking, landscaping, lighting and other site improvement components. The second phase also includes conceptual development of future capital projects.

### SCOPE OF WORK

The scope of work for the project includes tasks related to the following:

- Classroom sizes, purposes and utilization.
- Student Services spaces and effectiveness.
- Improving interior and exterior Student Life spaces.
- Existing pedestrian and vehicular flow and infrastructure.
- Campus access and egress.
- Current parking facilities and capacity.
- Open space, landscape, cityscape, furnishings and lighting levels.
- Projection of Space Needs for TMCC (Overall) and Dandini Campus.

### SPACE NEEDS ASSESSMENT

Capacity utilization is based on the compilation of information developed from a variety of inputs, such as enrollment data, space inventory, and standards as determined by NSHE. Functional utilization is based on the current and projected educational need and the type of space currently available.

### SPACE NEEDS RECOMMENDATIONS

- Room coding at all campuses should be changed to match current conditions.
- Capacities of all class and class laboratories should be based on actual seat/station counts.
- Space adjustments should be made to include current circulation space into space that can be accounted for in the food service, lounge or other spaces that enhance student life programs.
- Future modernization and renovation work should consider changing

the size of smaller classrooms and laboratories to accommodate the most commonly requested class capacities.

- The College should consider incorporating space that enhances recruitment & retainage of students, including student life spaces.

### SITE ANALYSIS RECOMMENDATIONS

#### Dandini Campus

- Improve parking lots to create more parking spaces.
- Develop a new entrance on the south side of campus.
- Create well-defined pedestrian walkways.
- Improve the central space with smaller scale elements, landscaping, windbreaks, and spatial variety.

#### IGT Applied Technology Center

- Explore sharing parking with Academy of Arts, Careers & Technology.
- Enhance crosswalk with curb extensions and stutter flash pedestrian beacons.

#### Meadowood Center

- Promote use of existing on-street parking on Neil Road and Meadowood Lane.
- As need warrants, explore sharing parking with St. Mary's Urgent Care across Meadowood Lane.
- Provide pedestrian sidewalks through the continuous planters.

The site development for the Redfield Health Science Center will be done during the development of the new Health Science Center project. Since the Redfield Performing Arts Center is part of a retail complex, there are minimal opportunities for site improvements.



## EXECUTIVE SUMMARY

### SPACE PROGRAMMING

Continued development of Academic Focus Centers is a focus of the Master Plan. The planning team consistently heard the need to strengthen each Center as an identifiable place for educational opportunities.

#### Dandini Red Mountain Building

- A new Student Services location with all services in one location.
- Relocation of the Bookstore, Fitness Center, Art Gallery to spaces adjacent to Student Life spaces. This will facilitate the Student Services consolidation project.
- New science and engineering class labs as required by program growth.

#### Dandini Sierra Building

- Relocate architecture and CAD drafting to the IGT Applied Technology Center.
- Relocation of the Academic Support Center to the Sierra Building.

#### Dandini Vista Building

- Relocation of the Writing Center to the Learning Center.
- Relocation and expansion of the Math Tutoring center.

#### IGT Applied Technology Center

- New instructional space at IGT Applied Technology Center will be developed as a part of the future EDA Grant remodel.
- It is anticipated the EDA Grant will include exterior improvements such as painting, storefront and entrances, lighting, landscaping, parking, and fencing.

### Meadowood Center

- Convert two existing rooms into two new classrooms, and divide one large classroom into two.
- Additional classroom and office space as program growth requires.
- Student Life spaces, including a lounge/study area.

### CAPITAL PROJECTS

Five projects have been identified as potential capital improvement projects:

#### Events, Arts and Technology Space (EATS)

- EATS will be a “living-learning laboratory” for students enrolled in the Culinary Arts and Entertainment Technician programs. The new building will house a new Sierra Culinary Institute, a black box theater, multi-purpose events space and a rooftop restaurant. EATS will provide academic and community-use space for a diverse range of activities and programs. EATS will be an educational facility for TMCC students, but will also provide a connection to the community for arts and entertainment programs.

#### TMCC Fitness Complex

- Athletic complex that will be utilized for various fitness and athletic activities, including intramural and competitive sports. The complex will have a regulation soccer field, 400-meter synthetic track and an indoor fitness facility for multiple sports including basketball, volleyball, martial arts, wrestling, dance and general fitness activities. The complex will also be available to the community when not used for College sports and activities.

### Dandini Red Mountain North Entrance

- Addition connecting all four floors of the Red Mountain Building. The new entrance provides improved vertical circulation within the building, and serves as a landmark inside the building to aid in way finding within the Red Mountain Building. The addition has a new conference center, entrance to administrative offices, lobbies, lounges and connections to various portions of the Red Mountain Building.

### Dandini Campus Learning Center

- The Learning Center is proposed as a more active, dynamic space with new types of educational and collaborative learning experiences.

### Student Services Consolidation

- Relocate the majority of Student Services to the ground floor of the existing Student Center. This move will provide a “One-Stop Shop” for students using services such as Admissions & Records, Financial Aid, Advising, Student Testing, and Counseling.



## Campus Site Analysis



CAMPUS SITE ANALYSIS

TMCC Dandini Campus

Campus Parking

The parking on the Dandini Campus is characterized by two distinct areas: the older North “terraced” parking and the newer South parking. The current parking capacity is 2,155 parking spaces. At certain times of the academic year the parking lots are filled to capacity. This is typically a 2-3 week period at the beginning and end of each semester. During the majority of the year there is adequate parking on site, but readily available parking spaces tend to be in more remote parking areas.

The gravel parking lot the College recently used (owner DRI) is no longer available to the college. This reduced the parking capacity by 377 vehicles. Therefore a new parking lot was built in summer 2016 on the east side of the campus which provides 396 parking spaces to make up for the deficit.

The development of the EATS project will result in elimination of approximately 130 parking spaces at the eastern portion of the campus. The development of the EATS site will require new accessible parking spaces with an accessible route to the EATS building. The number of accessible spaces will be determined during design.

The development of the TMCC Fitness Complex will add 80 parking spaces. These parking spaces are not planned to have a pedestrian link to the main part of the campus. These spaces should not be considered a part of the effective parking capacity of the campus due to their remote location from the majority of the academic buildings. Based on the 80 spaces there will need to be 4 accessible parking spaces.



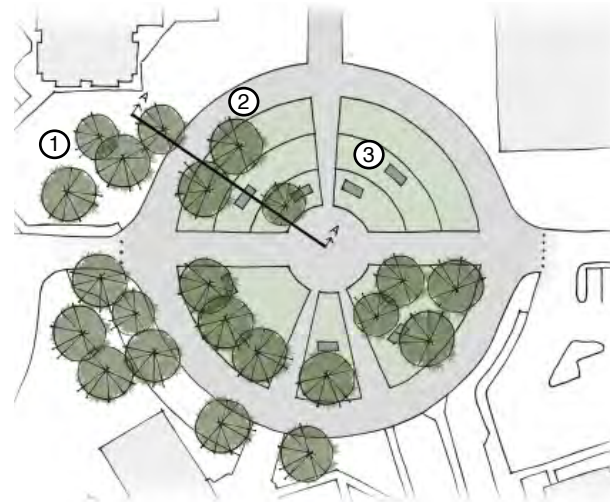
Parking Summary			
	Parking Spaces	Accessible Parking Spaces Provided	Accessible Parking Spaces Required
Current	2,551	46	36
EATS Project Reduction	(130)		
Spaces at Completion of EATS	2,421		
Possible Elimination of South Overflow	(377)		
Potential Spaces after EATS & South Overflow Elimination	2,044		
Proposed Spaces at TMCC Fitness Complex	80	4	4

CAMPUS SITE ANALYSIS

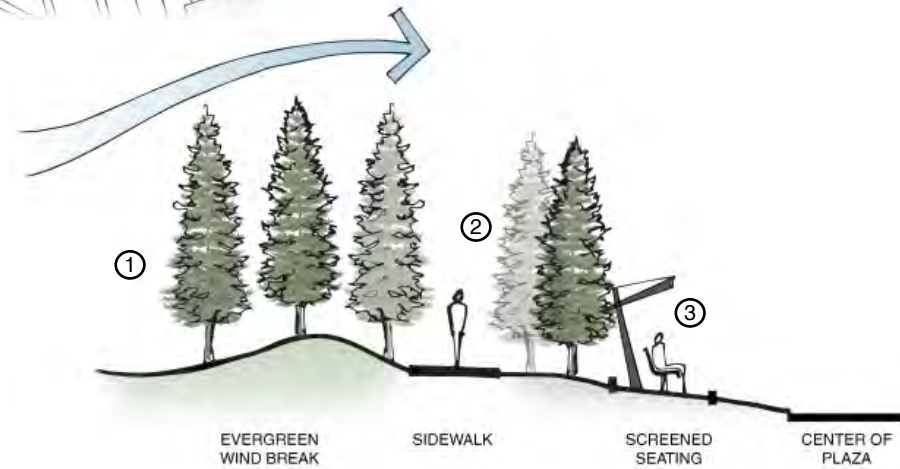
TMCC Dandini Campus

Plaza Renovation

- ① Windbreak: Evergreen trees planted on landscape berm.
- ② Existing walkways become sheltered by windbreak.
- ③ Screened seating areas scattered throughout plaza.
- ④ Reduce quantity of turf to more drought tolerant landscape and hardscape.
- ⑤ Reduce scale of plaza with trees and land forms.
- ⑥ Provide a variety of types of exterior spaces.



Site Plan



Section

## TMCC Dandini Campus

### Pyramid Highway / US 395 Connector

The Regional Transportation Commission (RTC) has a major project planned in the vicinity of the Dandini Campus: the Pyramid Highway/US 395 Connection. The Connection project includes constructing a new freeway from Pyramid Highway to US 395 over the next 20+ years over nine phases. Many of the changes near the Dandini Campus are planned in Phase 1, which could begin construction in 2020 at the earliest. Currently the project is in the preliminary design and environmental documentation stage. The preferred alternative will be presented to the RTC Board and Technical Advisory Committee in 2014 for final concurrence.

Elements of the project that will affect the Dandini Campus are:

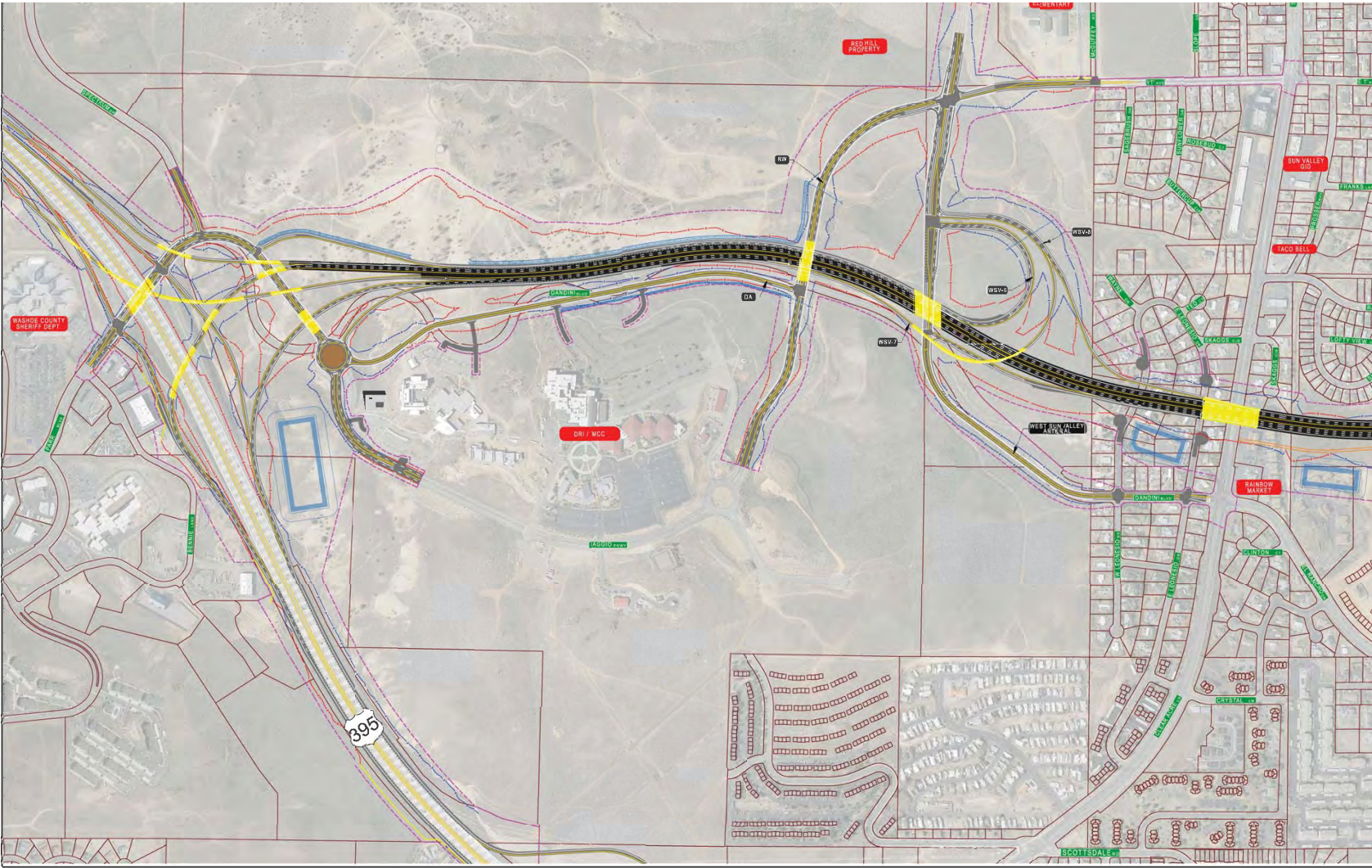
- The US 395/Dandini Boulevard interchange will be removed to accommodate the US 395/New Freeway interchange. Ramps will be provided within the new interchange to connect to Dandini Boulevard west of the Dandini Campus.
  - A roundabout is shown on the preliminary design plans at the Dandini Boulevard/ Raggio Parkway west intersection.
  - Dandini Boulevard would be reconstructed (straightened out) and would end at the east Dandini Boulevard/Raggio Parkway intersection. A new roadway would be constructed to access Sun Valley Boulevard.
  - An interchange will be constructed to connect the new freeway to Dandini Boulevard. The preliminary interchange location is east of the Dandini Campus.
- Additional information about the Pyramid Highway/US 395 Connection can be found at <http://pyramidus395connection.com/maps.htm>.

The construction of the Pyramid Highway/US 395 Connector will cause the majority of TMCC students to access the campus from the south. This will shift the “front door” of the campus from the north side of the Red Mountain Building to the south side of campus, along Raggio Parkway.

The project will improve campus access from US 395 to the west. The project will also benefit students living in Spanish Springs Valley, north of Sparks, providing a more direct route to TMCC. The College estimates 25% of the students live in the Spanish Springs area.

CAMPUS SITE ANALYSIS

TMCC Dandini Campus  
Pyramid Highway / US 395 Connector



CAMPUS SITE ANALYSIS

TMCC IGT Applied Technology Center

Parking

① Explore sharing parking with Academy of Arts, Careers & Technology. Classes end at 3 PM (2:15 on Wednesdays). Approximately 70 spaces in close proximity to TMCC.

② Due to limited parking, as the student population increases, the College should consider adding a parking structure to the southwest corner of the property.



Possible Parking Garage



Parking



Proposed storage



CAMPUS SITE ANALYSIS

TMCC IGT Applied Technology Center  
Vehicular and Pedestrian Circulation

- ① Enhance crosswalk with curb extensions and stutter flash pedestrian beacons and provide sidewalk.
- ② Improve site lighting by addition additional fixtures along sidewalk.



— Vehicular Circulation      — Pedestrian Circulation

## CAMPUS SITE ANALYSIS

### TMCC Meadowood Center

#### Parking

① Promote use of existing on-street parking on Neil Road. Approximately 8 spaces adjacent to TMCC.

② Define on-street parking. Results in 23 spaces on the North side of the street and 22 spaces on the South side of the street

③ Explore sharing parking with St. Mary's Urgent Care. Approximately 130 spaces in close proximity to TMCC.



 Parking

CAMPUS SITE ANALYSIS

TMCC Meadowood Center  
Vehicular and Pedestrian Circulation

- ① Provide enhanced pedestrian circulation routes through parking areas.
- ② Improve parking area lighting by (A) trimming existing vegetation, and (B) adding additional fixtures.



— Vehicular Circulation      — Pedestrian Circulation



Space Program



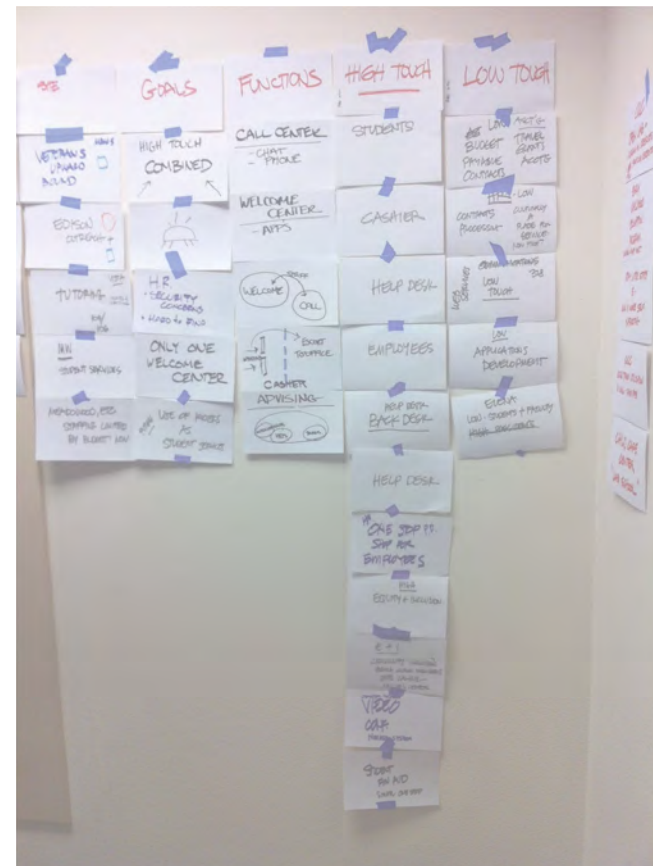
## SPACE PROGRAM

## Space Overview

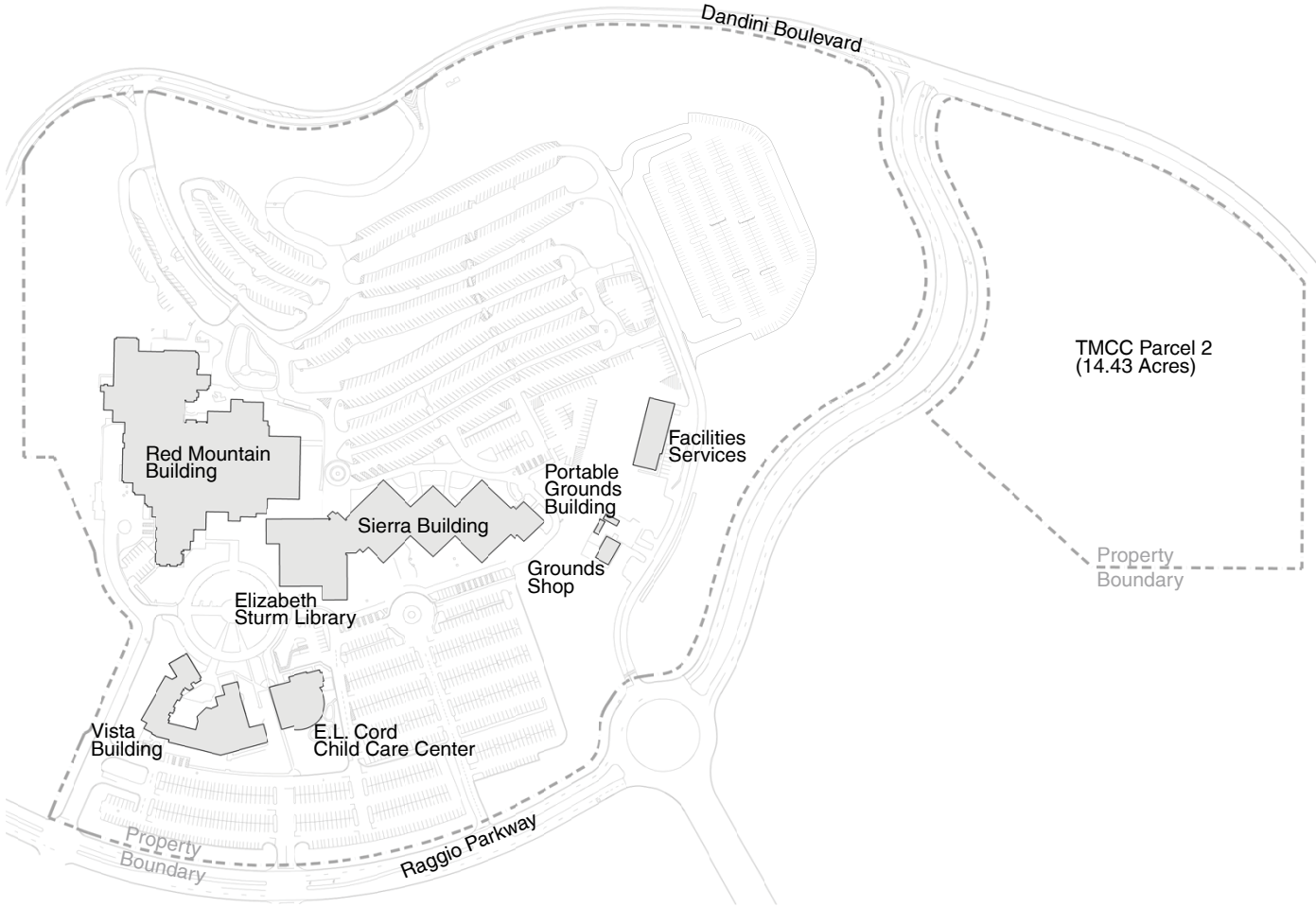
The continued development of the Academic Focus Centers is the foundation of the Master Plan Update. While TMCC has been developing the Centers with a certain academic focus in the past, the planning team consistently heard the need to strengthen each Center as an identifiable place for educational opportunities. The Centers have the following focus:

- Meadowood Center: Workforce Development, Continuing Education & Adult Basic Education
- IGT Applied Technology Center: Technology
- Redfield Health Science Center: Health Sciences
- Dandini Campus: Multi-division Academic Center
- Nell J. Redfield Foundation Performing Arts Center: Performing Arts

The proposed space programming relates to the instructional needs of each Center in this continuing development of an academic focus. The changes in building spaces and organization are proposed to locate resources in their proper place, provide the right type of space and utilize the space to the greatest extent possible.



Existing Dandini Campus



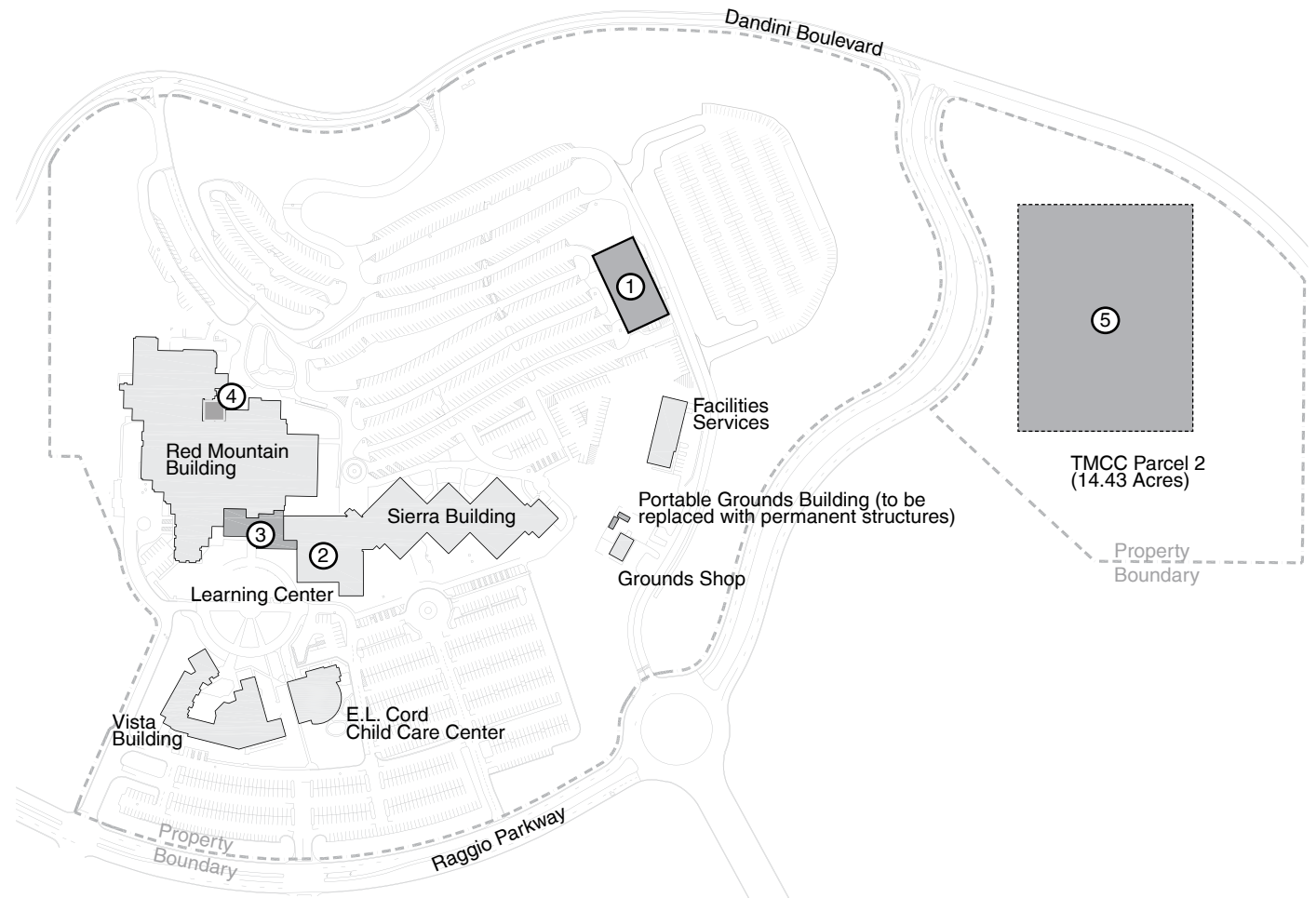
▲ Site Plan  
No Scale

SPACE PROGRAM

Dandini Campus - Future Facilities

Legend

- Existing Building
- New Construction
- ① Events, Arts & Technology Space (EATS)
- ② Learning Center
- ③ Student Center
- ④ North Entrance
- ⑤ TMCC Fitness Complex



▲ Site Plan  
No Scale



## Red Mountain Building Space Program

The Dandini Campus is the central hub for the staff, programs and students. The Red Mountain Building is the core of that central hub. The first phase of Red Mountain was completed in 1976. There have been several additions to the building over time. The most current addition was completed in 2004. The building currently houses the Student Center, Student Services, Administration offices, Café & Cafeteria, Bookstore, and Divisions of Science and Liberal Arts Classrooms, Labs and faculty offices.

As the building has grown many functions and spaces have been “buried” within the building, becoming increasingly difficult to locate. Wayfinding in the building is a constant issue with students, faculty and visitors.

Should any moves, renovations or space reallocations be planned for Red Mountain Building, a review of the subject area should be performed to identify potential for maximizing space efficiency.

### Student Services

The development of a consolidated Student Services location is needed to create a more cohesive and user friendly experience. The intention is to gather the department functions into one area and organize the various functions based on frequency and type of use. The following planning concepts are proposed for an improved Student Services area:

- Consolidate the 2 floors of Student Services into one floor with a “One Stop Shop” for the high volume functions such as Welcome Center/ Help Desk, Cashier, and Equity & Inclusion.

- Organization of high volume and low volume elements - Student Services Program (high volume) vs. Student Services Business (low volume).
- Easily identifiable and accessible Welcome Center.

### Student Center

The relocation of the Student Services functions onto the first floor of Red Mountain will necessitate the relocation of the Student Center (and events space). A new Student Center is proposed in a building addition to the south of the Student Center building. This addition would link the Red Mountain building and the new Learning Center. This addition would include a variety of student life components as described in the preceding overview. The addition would also connect to the existing Cafe and new Bookstore. The addition will complement the highly popular Cafe and provide additional space for eating and socializing. It will be adjacent to the Student Services area.

### Art Gallery

A new main Art Gallery is proposed for relocation to the 2nd floor of Red Mountain. The new location will place the Gallery near the Student Center, giving it even greater visibility.

### Bookstore

The bookstore will need to be relocated as a part of the Student Services consolidation. The new location for the Bookstore is proposed adjacent to the new Student Center.

### Police & Public Safety

The Police & Public Safety will relocate to a larger area to the west of their current location, on the 2nd floor of Red Mountain.

### Offices

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.

Conference rooms and collaboration space will be included in the faculty office areas.

Office space will be developed in line with TMCC guidelines.

### Other Improvements

The Fitness Center will relocate to the third floor.










New class Labs for Engineering and other Science programs will be provided.



The new North Entrance connector as described in the Capital Projects section.

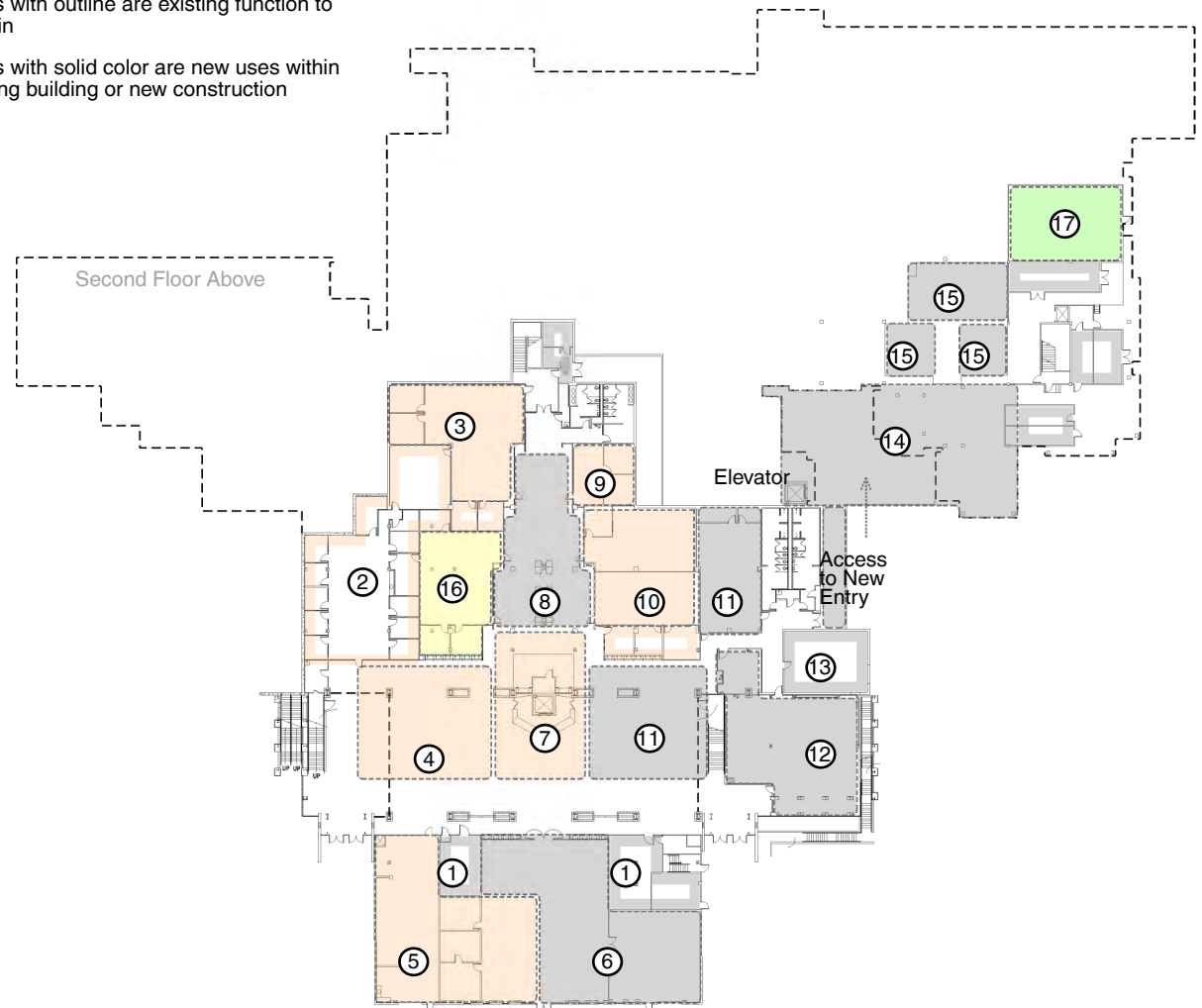
SPACE PROGRAM

Red Mountain Building

Legend

-  Student Services
-  Division of Science
-  Non-Academic Services/Admin.
-  Non-Academic Services/Admin.
-  1 Storage
-  2 Advising
-  3 Re-Entry Center
-  4 Outreach/Student Success
-  5 Counseling Offices
-  6 Financial Aid/DRC
-  7 Information
-  8 Admin/Records/Support
-  9 Veterans Services
-  10 Testing
-  11 Administration Records
-  12 Cashier/Accounting Services
-  13 Electrical
-  14 North Entry
-  15 Conference
-  16 Math Skills Center
-  17 Videography

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses within existing building or new construction





























 First Floor Plan  
Scale: 1" = 80'

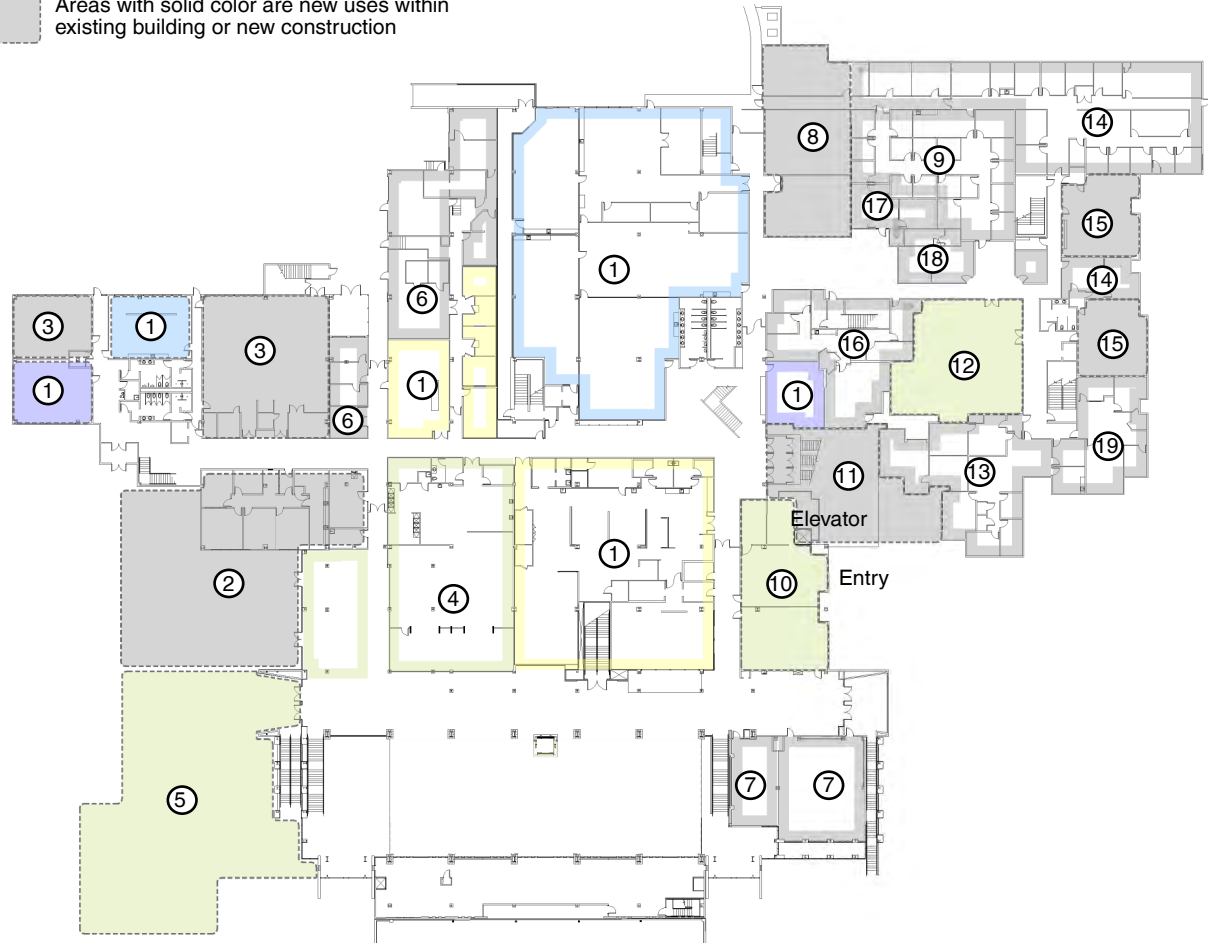
**SPACE PROGRAM**


**Red Mountain Building**

**Legend**

-  Division of Liberal Arts
-  Division of Science
-  General Classroom/Classroom Lab
-  Non-Academic Services/Admin.
-  Student Life
-  Classroom
-  Book Store
-  Police
-  Cafeteria
-  Student Center
-  Storage
-  Meeting Room
-  Human Resources
-  Faculty Offices
-  Art Gallery
-  North Entry
-  Roof Garden
-  Administration Offices
-  I.T. Offices
-  Conference Room
-  Professional Development
-  Faculty Senate
-  Equity & Inclusion
-  Institutional Advancement

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses within existing building or new construction




























 **Second Floor Plan**  
Scale: 1" = 80'

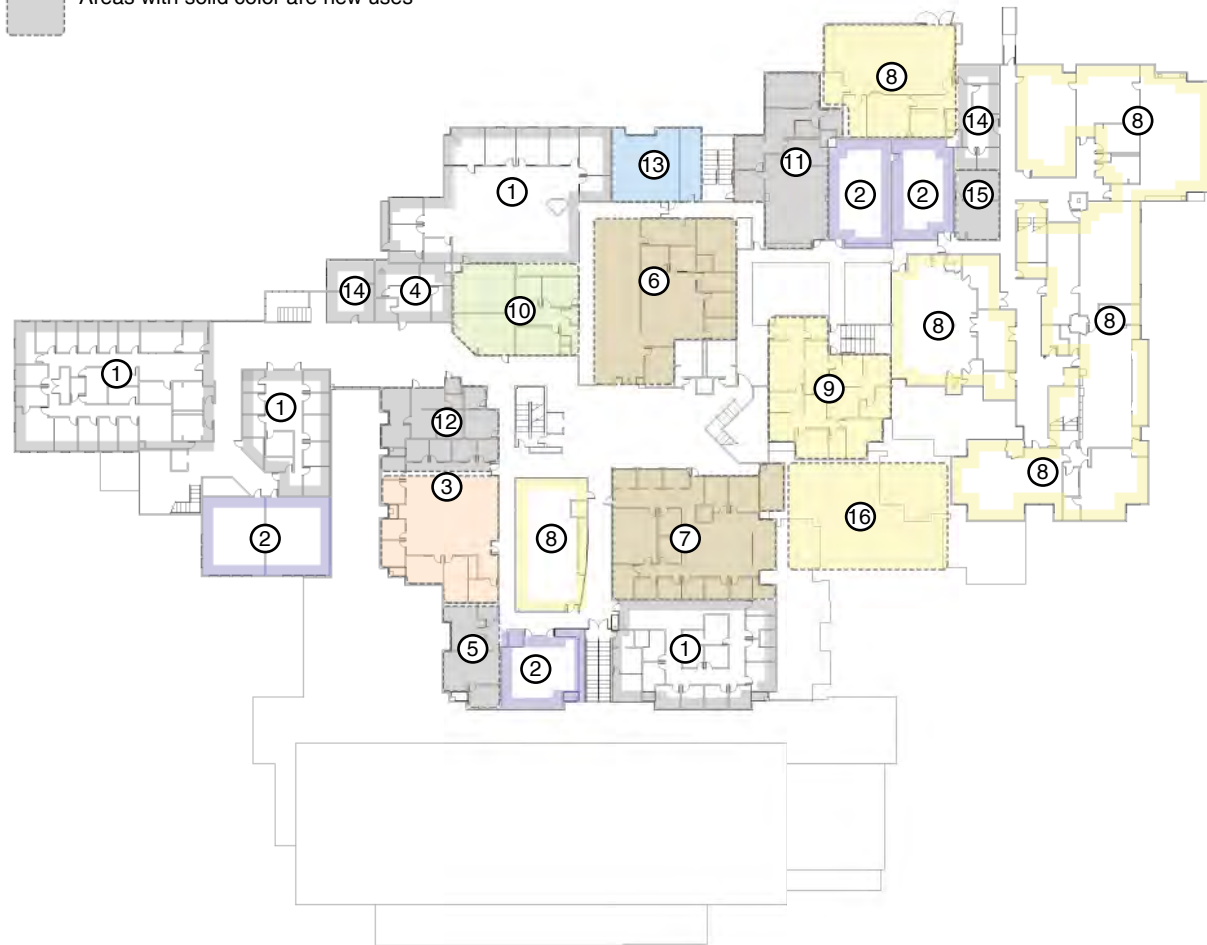
SPACE PROGRAM


Red Mountain Building

Legend

-  Division of Liberal Arts
-  Division of Science
-  General Classroom/Classroom Lab
-  Non-Academic Services/Admin.
-  Student Services
-  Division of Business
-  Student Life
-  Faculty Office
-  Classroom
-  Student Government
-  Budget & Finance
-  Administration Offices
-  Fitness Center
-  Fitness/Dance Studio
-  Science Lab + Support
-  Engineering Lab
-  Student Life
-  TMCC High School
-  Part Time Faculty
-  Music Room
-  IT Offices
-  Conference Room
-  North Entry

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses












 Third Floor Plan  
Scale: 1" = 80'

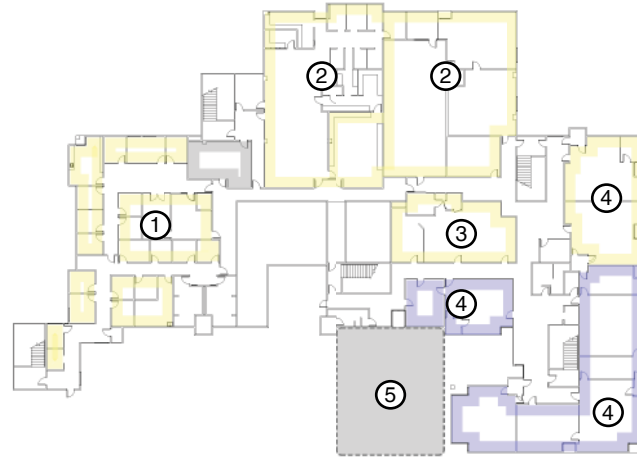
**SPACE PROGRAM**


**Red Mountain Building**

**Legend**

-  General Classroom/Classroom Lab
-  Division of Science
-  Non-Academic Services/Admin.
-  ① Offices
-  ② Dental Classroom Labs
-  ③ Radiology Lab
-  ④ Classrooms
-  ⑤ North Entry

 Areas with outline are existing function to remain



 **Fourth Floor Plan**  
Scale: 1" = 80'

## SPACE PROGRAM

### Sierra Building Space Planning

The Sierra Building is home to the graphics design, photography, and architecture programs. It also houses a number of general classrooms, computer labs used by all students, as well as faculty and administrative offices.

#### **Student Life**

With the development of the new Student Center adjacent to the Sierra building, the emphasis on student life spaces within the Sierra building would be smaller, more intimate spaces distributed through the building.

The triangular shaped spaces along the corridor could be developed to provide areas more conducive to socializing and relaxing. These existing spaces can be improved by defining the spaces with carpeting and/or low walls and providing more cohesive furnishings.

#### **Applied Industrial Technology**

Relocate architecture and CAD drafting to the IGT Applied Technology Center.

#### **WebCollege**

Relocation of the Academic Support Center to Sierra and relocation of ASC staff to the same area.

#### **Offices**

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.

Conference rooms and collaboration space will be included in the faculty office areas.

Office space will be developed in line with TMCC guidelines.





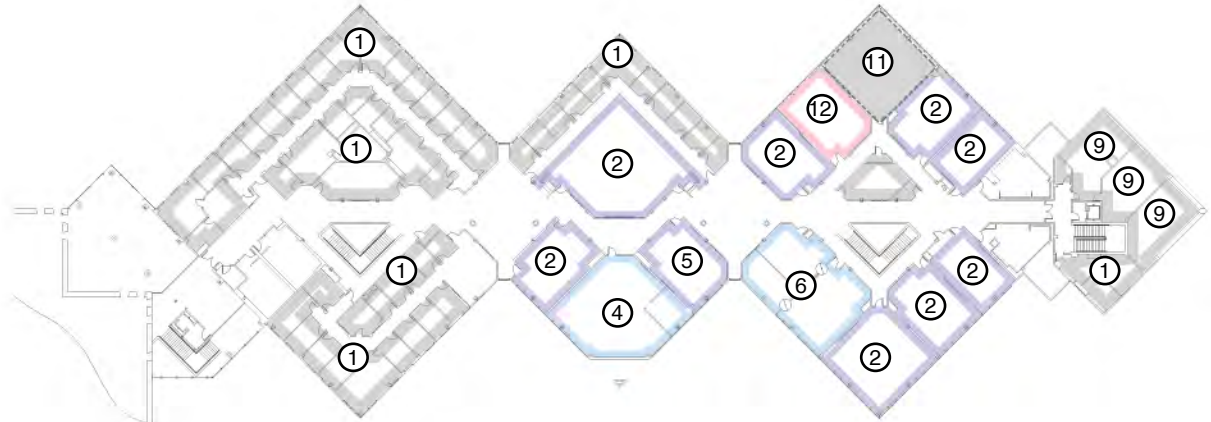
SPACE PROGRAM

Sierra Building

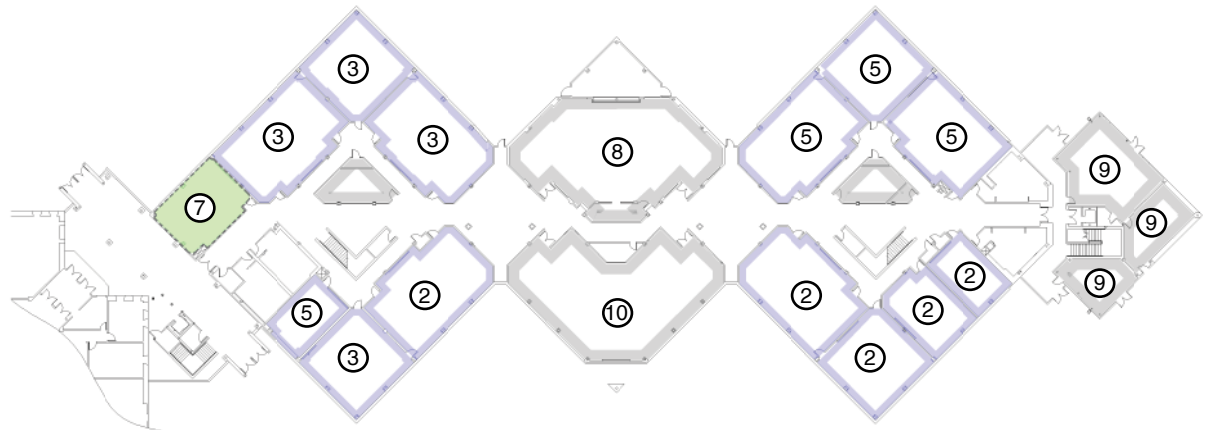
Legend

-  General Classroom/Classroom Lab
-  Division of WebCollege
-  Division of Liberal Arts
-  Non-Academic Services/Admin.
-  Applied Industrial Technology
-  1 Faculty Offices
-  2 Classrooms
-  3 Classroom Labs
-  4 Computer Labs
-  5 Computer Class
-  6 Photo Lab
-  7 I.T. Web/Help Center
-  8 Conference
-  9 Mechanical Rooms
-  10 General Access Computer Lab
-  11 Part Time Faculty
-  12 CAD Drafting Lab

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses



▲ Second Floor Plan  
Scale: 1" = 80'



▲ First Floor Plan  
Scale: 1" = 80'

## SPACE PROGRAM

### Vista Building Space Planning

The Vista Building is home to the Math and English programs, including classrooms and departmental offices for such. It also houses a number of general classrooms, the math tutoring center and the writing center.

#### **Writing Center**

The Writing Center is relocated to the Learning Center.

#### **Math Tutoring**

The Math Tutoring center is relocated and enlarged.

Additional space is given to Division of Business faculty offices.

#### **Offices**

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.

Conference rooms and collaboration space will be included in the faculty office areas.

Office space will be developed in line with TMCC guidelines.



















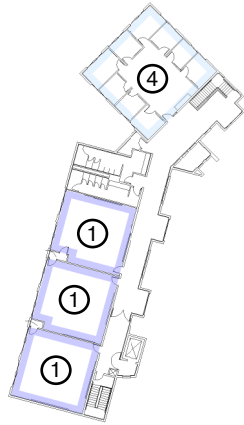
**SPACE PROGRAM**

**Vista Building**

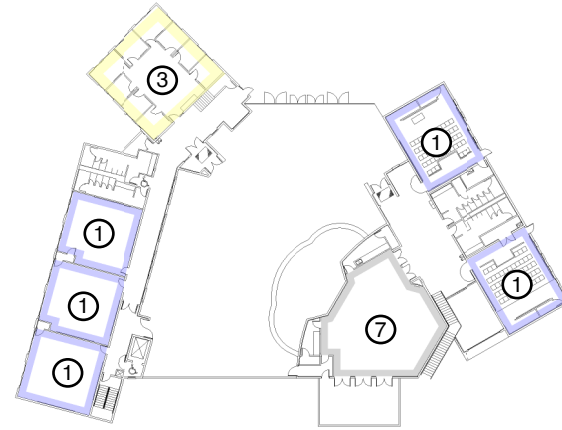
**Legend**

-  Division of Liberal Arts
-  Division of Science
-  General Classroom/Classroom Lab
-  Non-Academic Services/Admin.
-  Division of Business
-  Classroom
-  Mechanical Rooms
-  Math Offices
-  English Offices
-  Business Offices
-  Tutoring
-  Conference

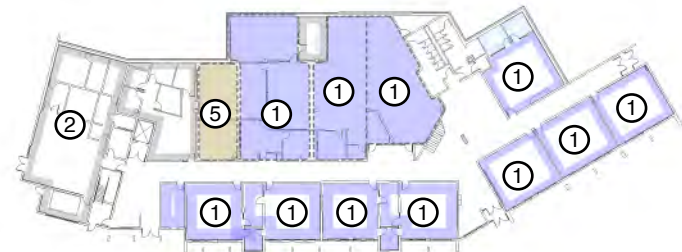
-  Areas with outline are existing function to remain
-  Areas with solid color are new uses



▲ **Third Floor Plan**  
Scale: 1" = 80'



▲ **Second Floor Plan**  
Scale: 1" = 80'



▲ **First Floor Plan**  
Scale: 1" = 80'

## SPACE PROGRAM

### Elizabeth Sturm Library Space Planning

The mission of the Elizabeth Sturm Library and its branch locations is to support the mission and goals of Truckee Meadows Community College by providing essential information resources to faculty, students, and staff.

The library pro-actively interacts with faculty and administration to enhance the college's teaching mission and curriculum, introduces students to the tools needed to empower them to become independent researchers, critical thinkers, and disseminators of information, and provides resources and training to support distance education.

#### Services

- Book and Periodical Circulation
  - Computers - The branches provide computers with Internet access to library databases, book catalog and other resources.
  - Laptop Loan Program -The Laptop Loan Program (LLP) allows students to borrow a laptop computer for use inside the library.
  - Copying/Printing - Photocopiers and computer printers are available. There is a nominal charge for copies and printouts.
  - Reference and Research Assistance - During open hours, research assistance is available at the branches. If the branch is closed, contact the Sturm Library reference desk.
  - Instructional Services - The library offers specialized classroom instructional sessions, links to requested Internet resources, customized library assignments and tours.
- Archives - The TMCC Archives is a repository for a wide variety of information related to the college and its history. For access to the archives, please contact Cameron Carr at 775-674-7604.
  - The Human Resources department is located on the second floor of the Library.





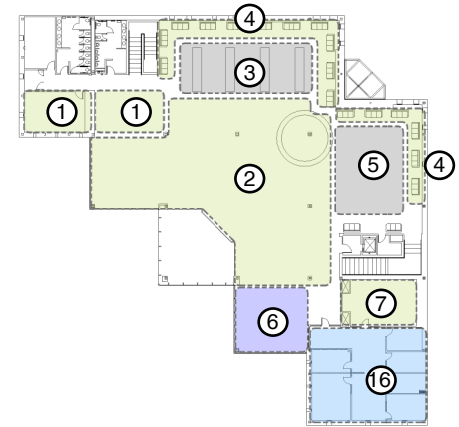
**SPACE PROGRAM**

**Elizabeth Sturm Library**

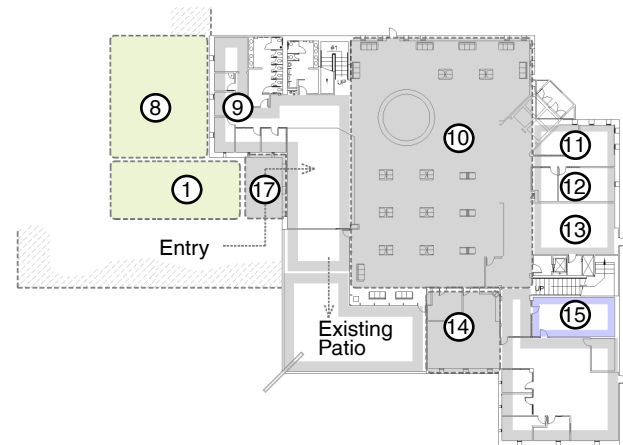
**Legend**

- ① Group Study
- ② Computer Lab
- ③ Book Stacks
- ④ Quiet Study
- ⑤ Reference
- ⑥ Computer Classroom
- ⑦ Training Room
- ⑧ Student Life
- ⑨ Staff Offices
- ⑩ Technology Hub
- ⑪ Meeting
- ⑫ Conference
- ⑬ Study Space
- ⑭ Circulation Offices
- ⑮ Computer Classroom
- ⑯ Writing Center
- ⑰ Entry Lobby

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses within existing building or new construction



**Second Floor Plan - Library**  
Scale: 1" = 80'



**First Floor Plan - Library**  
Scale: 1" = 80'

## IGT Applied Technology Center Space Planning

The IGT Applied Technology Center serves as the primary home for the Division of Applied Industrial Technologies (AIT) which offers a diverse selection of career training programs including:

- Applied Industrial Technologies
- Architecture & Construction Tech
- Manufacturing Technologies
- Transportation Technologies
- Energy Technologies

The facility was originally used as a warehouse/manufacturing facility. Many of the existing spaces, were designed for other uses, and as such, there are many inefficiencies in the floor plan. Should any moves, renovations or space reallocations be planned for the IGT Applied Technology Center, a review of the subject area should be performed to identify potential for maximizing space efficiency.

New instructional space at IGT Applied Technology Center will be developed as a part of the future EDA Grant remodel. The remodel is assumed to include the following components:

### First Floor

- Production/Logistics Lab
- Sheet Metal Shop
- New Toilet Rooms
- Food Service
- Student Study Areas

### Second Floor

- Expand Mezzanine
- New Classrooms

### Outdoor secure storage metal building

Architecture and CAD Drafting Class Labs are currently located on the 2nd floor of the Sierra Building along with the associated faculty. These are the only components of AIT that are not at the IGT Applied Technology Center. It is proposed that Architecture and CAD Drafting relocate to the Center. Space for these programs may not be a part of the EDA Grant program.

It is anticipated the EDA Grant remodel project will include exterior work such as painting, window and door perimeter sealants, storefront and entrances, lighting, landscaping, parking, fencing and the entrance canopy.

### Student Life

A small amount of spatial definition in the form of low walls, furniture or other elements should be considered to separate the student life space from the circulation portion of the Lobby. High walls are not desirable, but some separation would help define the space.

The space would benefit greatly from acoustical treatment to reduce the effect of noise in the space. Sound absorbing materials should be considered for the floor, ceiling and walls.

### Offices

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.

Conference rooms and collaboration space will be included in the faculty office areas.

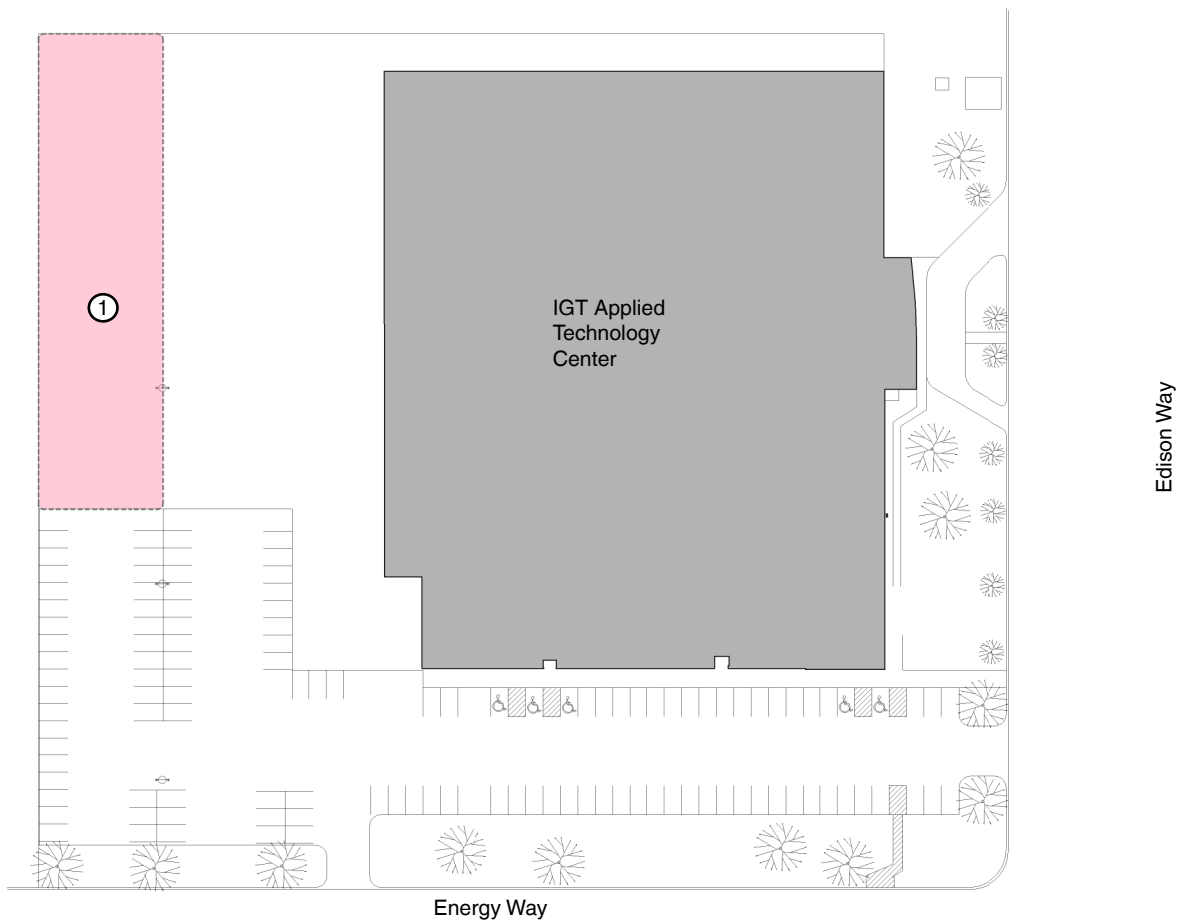
Office space will be developed in line with TMCC guidelines.

SPACE PROGRAM

IGT Applied Technology Center

Legend

- ① Storage Units




















▲ Site Plan  
Scale: 1" = 100'

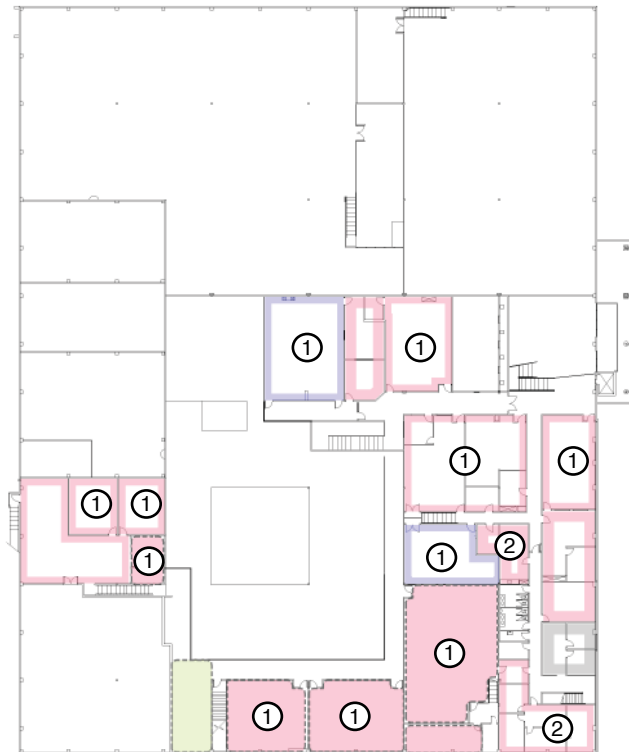
**SPACE PROGRAM**

**IGT Applied Technology Center**

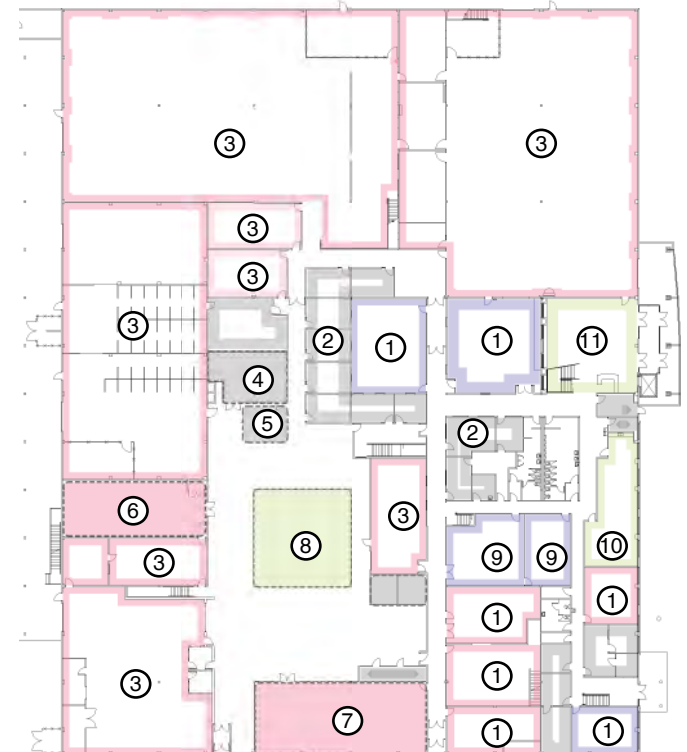
**Legend**

-  General Classroom/Classroom Lab
-  Non-Academic Services/Admin.
-  Student Life
-  Applied Industrial Technology
-  1 Classroom
-  2 Offices
-  3 Applied Industrial Tech Lab
-  4 Restrooms
-  5 Food Service
-  6 Sheet Metal Shop
-  7 Production/Logistics Lab
-  8 Study Area
-  9 Computer Lab
-  10 Open Computer Lab
-  11 Lobby

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses



**▲ Second Floor Plan**  
Scale: 1" = 80'



**▲ First Floor Plan**  
Scale: 1" = 80'

## SPACE PROGRAM

### Meadowood Center Space Planning

The Meadowood Center is comprised of two buildings: Meadowood North and Meadowood South.

Meadowood South is used by the Division of Business, Workforce development, Adult Basic Education & ESL. The building also houses space for Veterans Upward Bound and NDOT.

Meadowood North is currently leased to private entities by TMCC.

The College owns two +/- 1-acre parcels immediately north of the Meadowood campus. Should program expansion become a reality, TMCC could consider constructing another building, on one of these sites.

Meadowood South was originally constructed as a professional office building. The College has in-filled old office suites as the need dictated. Some suites are not sized properly for their current use. Commonly, the offices are larger than the College standards.

The Master Plan calls for converting two existing rooms into 2 new classrooms, and dividing one large classroom into two.

Should any moves, renovations or space reallocations be planned for Meadowood South, a review of the subject area should be performed to identify potential for maximizing space efficiency.

#### **Student Life**

Should the programs offered at the Meadowood Center continue to expand; additional classroom and office space will be needed. This will make it difficult to provide student life spaces in addition the required academic and support spaces. If possible, a small lounge/study area should be considered. As opposed to the current location in the corridor, this would be a separate space from circulation, with a defined space for socializing.

#### **Offices**

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.





Conference rooms and collaboration space will be included in the faculty office areas.

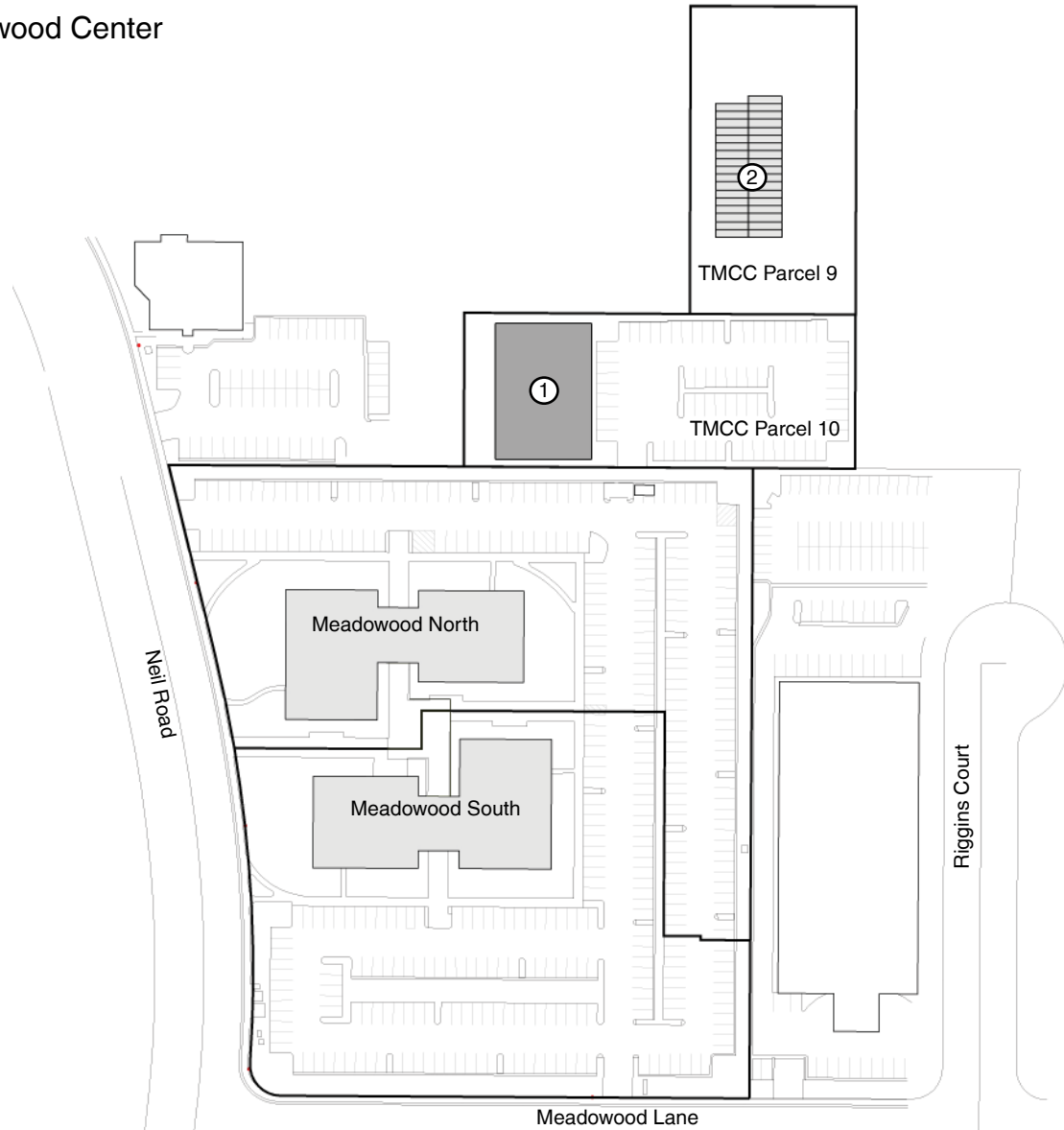
Office space will be developed in line with TMCC guidelines.

SPACE PROGRAM

Meadowood Center

Legend

-  Student Life
-  Existing Building
-  Possible Future Building Site
-  Existing Solar Array

















 Site Plan  
Scale: 1" = 150'





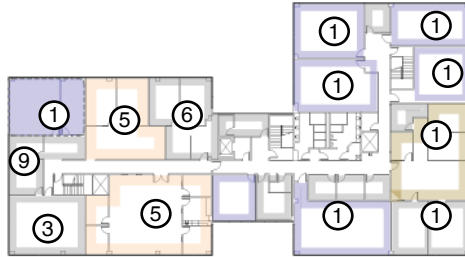
**SPACE PROGRAM**

**Meadowood Center South**

**Legend**

-  Student Life
-  Student Services
-  General Classroom/Classroom Lab
-  Non-Academic Services/Admin.
-  Division of Business
-  Classroom
-  Massage Classroom
-  Conference
-  Faculty Offices
-  Veterans Upward Bound
-  NDOT Offices
-  Study
-  Workforce Development Offices
-  Tutoring

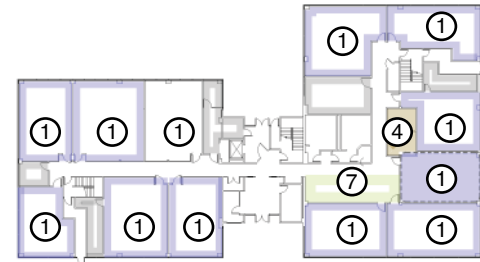
-  Areas with outline are existing function to remain
-  Areas with solid color are new uses



**Third Floor Plan**  
Scale: 1" = 80'



**Second Floor Plan**  
Scale: 1" = 80'



**First Floor Plan**  
Scale: 1" = 80'

## SPACE PROGRAM

### Redfield Health Science Center

The Redfield Health Science Center is planned as the Health Science Center for the College. While every program may not be located at the Redfield Health Science Center in the short term, the concept would be to continue development of Redfield Health Science Center as an academic focus center. It is anticipated that as the Health Science Center is developed, other instructional space, faculty and administrative personnel will locate to the Redfield Health Science Center.

Currently Nursing and Veterinary Technician courses are offered at Redfield Health Science Center. The College also uses space in the neighboring UNR Redfield Campus for a Geothermal Lab.

An addition is planned for the Redfield Health Science Center, which will add additional classrooms, faculty offices, and another Nursing Lab

#### Student Life

The student life space in the Open Computer area should be enhanced to give the students a place to truly call their own. The space could be developed as a central activity core, a sort of “living room” for the students. A variety of furnishing types, and groupings, along with “warm” finishes could create a sense of “home” to the students. This would be a welcome addition to a campus which is somewhat remote from the rest of community, and in a demanding program in which the students are often looking to maximize their studying time.

This type of student life space could also support the planned Health Sciences building.

#### Offices

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.

Conference rooms and collaboration space will be included in the faculty office areas.

Office space will be developed in line with TMCC guidelines.

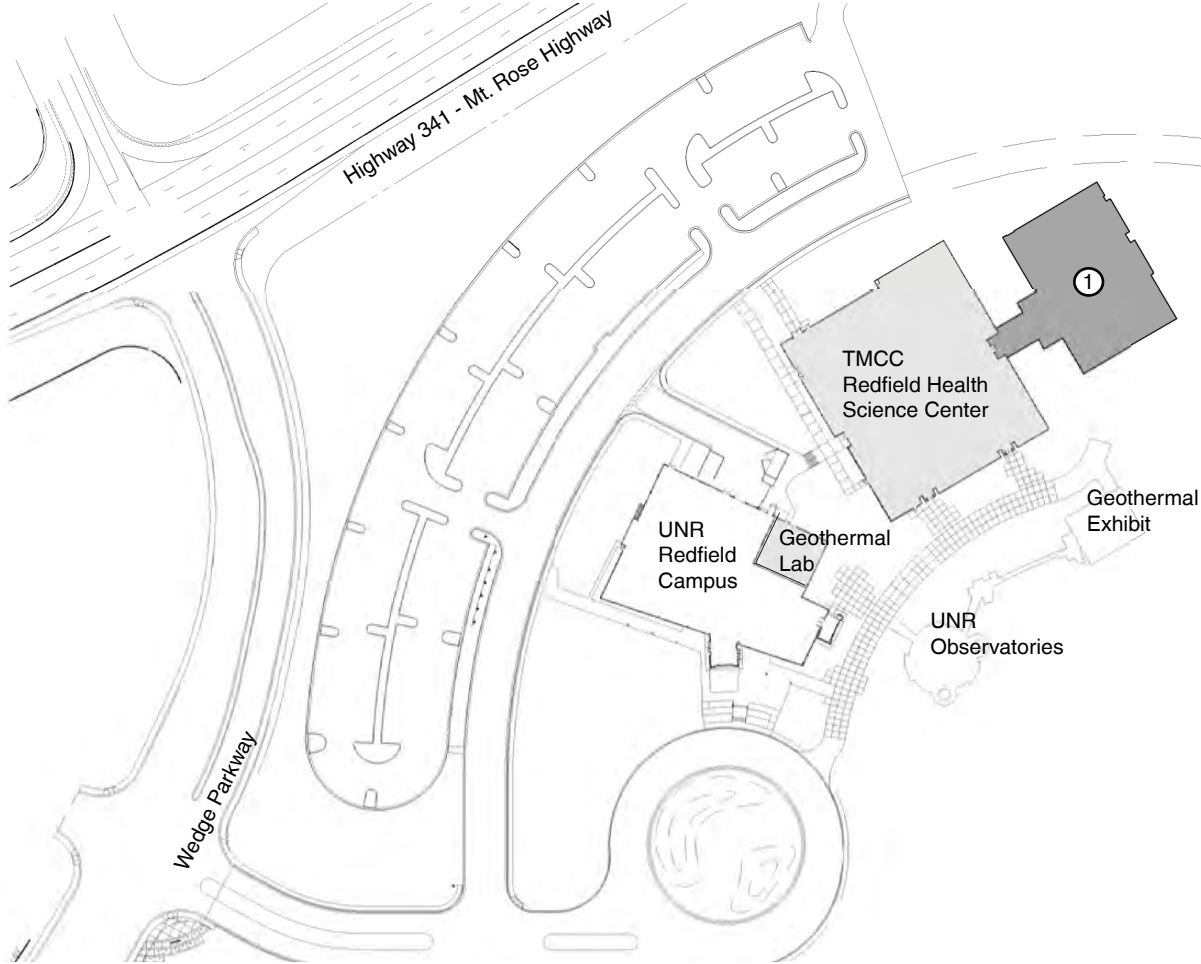


SPACE PROGRAM

Redfield Health Science Center

Legend

- ① Health Science Center














▲ Site Plan  
Scale: 1" = 200'

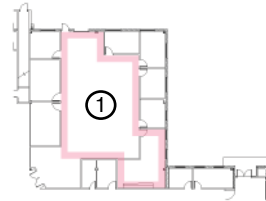
**SPACE PROGRAM**

**Redfield Health Science Center**

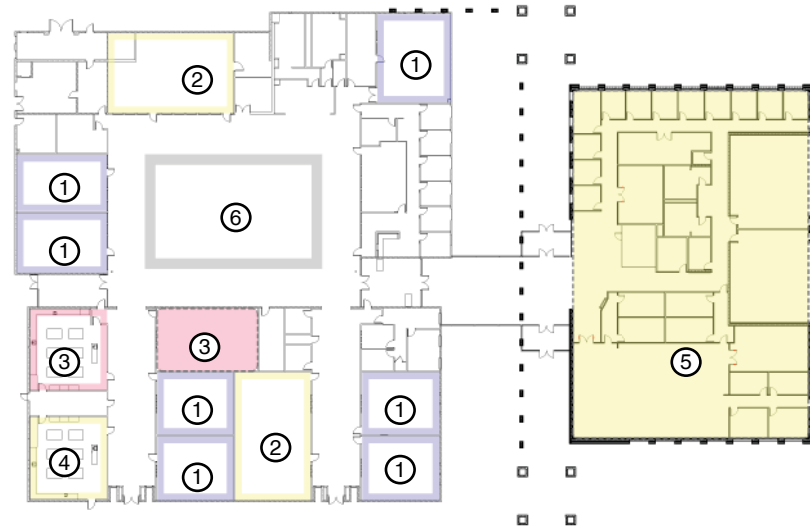
**Legend**

-  General Classroom/Classroom Lab
-  Division of Science
-  Divisions of Applied Industrial Tech
-  Classroom
-  Nursing Classroom
-  Vet Tech
-  Sceince Lab
-  Health Science Center Addition
-  Computer Lab

-  Areas with outline are existing function to remain
-  Areas with solid color are new uses within existing building or new construction



**UNR Redfield Campus - Geothermal Lab**  
Scale: 1" = 80'



**TMCC Redfield Health Science Center + Addition**  
Scale: 1" = 80'

**SPACE PROGRAM**

**E.L. Cord Child Care Center**

The E. L. Cord Child Care Center provides child care for TMCC students, faculty, employees and the public. The Center is also a lab school providing an opportunity to observe children in the child care setting, as a practicum for students enrolled in the early childhood education program. There are currently no improvements planned for this facility.

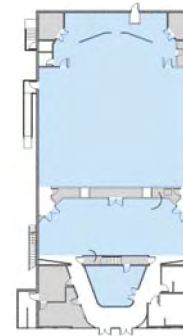


▲ Floor Plan  
Child Care Center

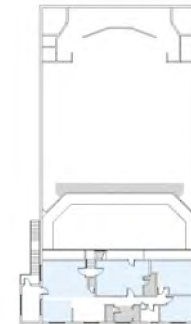
**Nell J. Redfield Performing Arts Center**

The Nell J. Redfield Performing Arts Center (RPAC) is the performing arts facility for the TMCC campus. The RPAC houses the college's performing arts classes, including dance, music and theater instruction. In addition, the performing arts classes present a variety of performances at the center during the year.

RPAC is located in leased tenant space in a local shopping center in the Reno area. There are currently no improvements planned for this facility; it would be replaced by the theater and entertainment technology components of the EATS building on the Dandini Campus.



▲ First Floor Plan  
Redfield Performing Arts Center



▲ Second Floor Plan  
Redfield Performing Arts Center



## Capital Projects



## Events, Arts and Technology Space (EATS)

EATS will be a “living-learning laboratory” for students enrolled in the Culinary Arts and Entertainment Technician programs. Students in these programs will enhance their pathways with courses designed to teach good business practices through Hospitality Entrepreneurship. The new 42,000 square foot building will house a new Sierra Culinary Institute, a black box theater, multi-purpose events space and a rooftop restaurant/terrace. EATS will provide academic and community-use space for a diverse range of activities and programs. EATS will be an educational facility for TMCC students, but will also provide a connection to the community for arts and entertainment programs.

### Sierra Culinary Institute

The Sierra Culinary Institute includes a 90 seat restaurant and state-of-the-art production, recipe science/manufacturing, and pastry arts kitchens. The Institute will also feature a large space for educational and community cooking classes and demonstrations. The 14,000 square foot space will allow for a major expansion of TMCC’s Culinary Arts program. Specialty kitchens will support advanced study of baking and pastry. The kitchens will replicate real-world foodservice environments and will be outfitted with commercial equipment. The Institute will also house a Recipe Science Laboratory. The lab will focus on research and development in food science and will allow for study of molecular gastronomy. The stunning rooftop restaurant, and its adjacent terrace, will provide a unique dining experience. The restaurant features large glazed walls with panoramic views of the Truckee Meadows.

### Black Box Theater

Adding a new theater facility at the Dandini campus will address multiple issues. It will provide a modern facility to accommodate the increasingly sophisticated Performing Arts programs, significantly improve campus student engagement, and enrich educational offerings. Currently Theater and Dance students must travel to multiple campuses to complete their coursework. A central location for their studies and performances will enhance the educational experience. A location at the Dandini campus significantly improves the safety of students, staff, and patrons alike. The new auditorium also creates a venue for special college functions and events that have outgrown existing campus space or disrupt activities in the Student Center. This includes activities such as semester kick-offs, allied health pinning ceremonies, and the Distinguished Speaker Series just to name a few.

The 300 seat black box theater will offer 4,000 square feet of flexible performing space. Adjacent spaces are provided for entertainment technician technology, scene & costume shops, and storage space. The theater can be used for both educational and College functions, as well as providing a regional resource as a performing arts center hosting local and visiting groups. Because of the wide variety of types of performances (drama, amplified and un-amplified music, Broadway, dance, lecture presentations, etc.) the technical systems will provide for selective adaptation of the physical environment to suit any particular use.

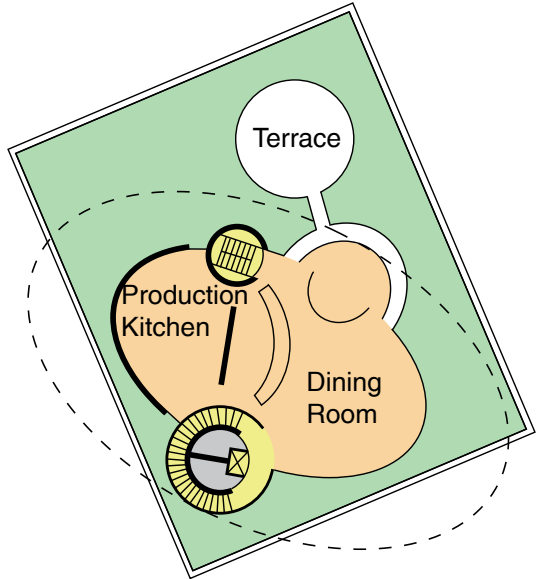
### Event Space

The need for the multi-purpose Event Space stems from a desire to create a dedicated, flexible room on campus. Currently the Student Center is also used as the primary space for large gatherings. This displaces the students from their social and collaboration space. It also taxes the resources of the campus facilities department with regular set up and tear down. The new 8,000 square foot space will feature a large ballroom-type space with a high ceiling. The Events Space will offer opportunities for lecture, presentation, banquet and social functions. The space can be used for student groups & club gatherings, College functions and community use. The room will have operable walls that will allow for multiple configurations. An adjacent catering kitchen will allow for food and beverage to be included in the functions. The entire space will be equipped with sophisticated audio/visual equipment.





Site & First Level Plan



Second Level Plan

- Performing Arts
- Culinary Arts
- Events
- Building Resources
- Building Circulation



## CAPITAL PROJECTS

### TMCC Fitness Complex

The comprehensive TMCC Fitness Complex will be utilized for various fitness and athletic activities, including intramural and competitive sports. It will also be available for community use on a rental basis with proceeds supporting operations and maintenance. Additional fitness classes may also be scheduled at the Complex with revenue supporting the operation and maintenance as well as helping build a reserve for expansion of the Complex.

#### Soccer Field and Track

The first phase of the Complex will include a collegiate-size soccer field and a regulation collegiate competitive track. The soccer field will make it possible for the College to field competitive men's and women's soccer teams for competition with local colleges, including WNC. The field will also be available on a rental basis to community soccer leagues during periods of low or no demand from the campus community. The soccer field will have a natural turf playing surface. The 400-meter synthetic track provides additional opportunities for students to engage in fitness activities including walking and running. Competitive track and field athletics may be considered at a future date for expansion of the College's emerging athletic program. The track and soccer field represent the first phase of the Complex. This first phase will include parking, a storage building and restroom facilities.

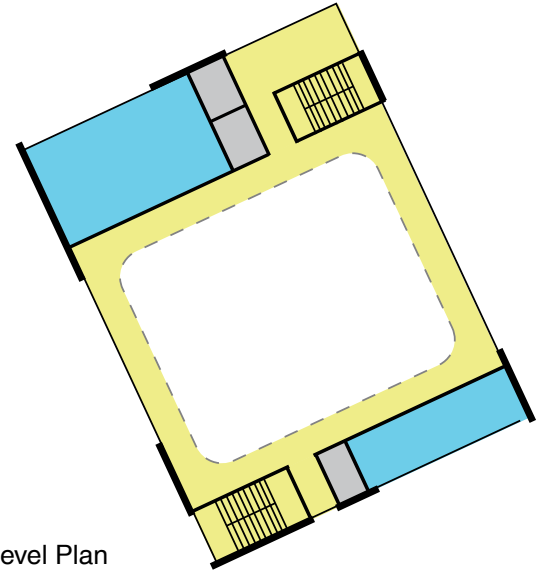
#### Indoor Fitness Facility

The second phase of the Complex includes a fitness facility that will cater to multiple sports including basketball, volleyball, martial arts, wrestling, dance and general fitness activities. Besides providing a venue for a comprehensive intramural sports program, the building will allow the college to expand its selection of fitness classes at convenient times for its main population of students. The organization of the building on two levels will support multiple activities at one time. The spaces also will be designed with flexibility to change easily from one sport to another, such as from basketball to volleyball and back again. The second level walking track allows for exercise while walkers can experience other ongoing activities. The Indoor Fitness Facility will include locker rooms and equipment storage space.

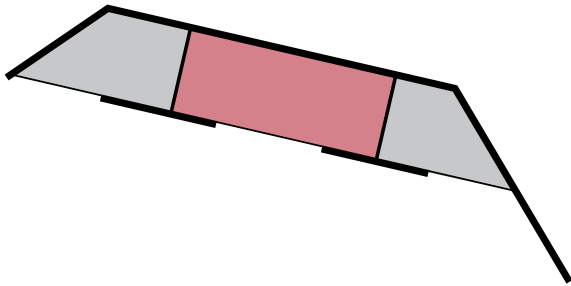




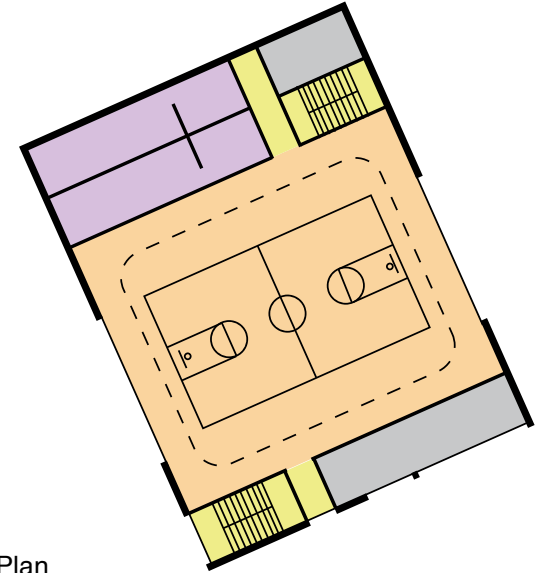
- Fitness Rooms
- Gymnasium
- Locker Rooms
- Building Resources & Toilet Rooms
- Building Circulation
- Track Storage & Concession



Second Level Plan



First Level Plan



## CAPITAL PROJECTS

### Learning Center

The Library can become a more active and dynamic space. It can be a place for learning and student engagement. It can provide new types of educational and collaborative learning experiences. The move from a more “traditional” Library to a contemporary “Learning Center” can introduce computer technology and interactive group spaces into the function and program. These are woven into the current book stacks and quiet study areas to create a more active place for learning and collaboration.

The Learning Center can combine with the new Student Center and student life spaces to be the campus focus for students and faculty.

Some WebCollege functions can be located in the Learning Center at a Technology Hub/Help Center.

#### Human Resources

Human Resources is an administration function that has no relation with the Library or the new Learning Center. Human Resources should be relocated into an administrative location, likely in Red Mountain.

#### Tutoring Center

The Tutoring Center is relocated to the Learning Center.

#### Offices

As office moves occur over time, there should be an effort to co-locate like functions together whenever possible.

Conference rooms and collaboration space will be included in the faculty office areas.

Office space will be developed in line with TMCC guidelines.



## CAPITAL PROJECTS

### Red Mountain North Entrance

The new North Entrance to the Red Mountain Building organizes and unifies a variety of needs and functions at the Red Mountain Building. Replacing the original entry stairs into the building, the Entrance creates a vertical circulation element connecting all four floors of the Red Mountain Building. Both a stair and an elevator extend from the ground to the fourth floor. The ground floor has a connection to the first floor Student Services center, and a new conference center located below the administration offices. Floors 3-4 combine lobby and student life spaces, and offer views of the north side of campus.

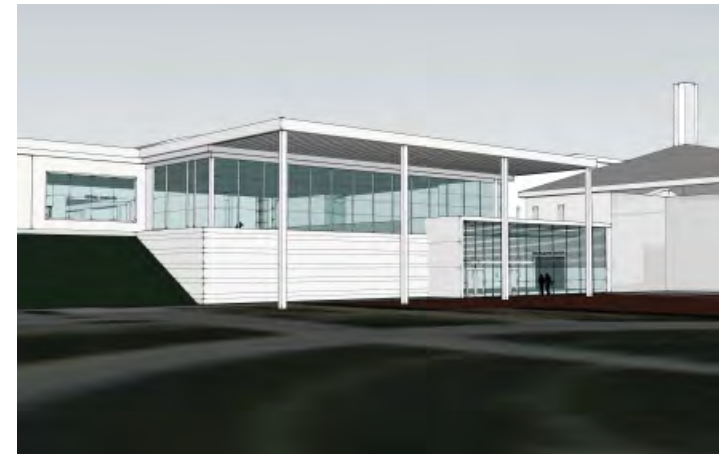




## CAPITAL PROJECTS

### Red Mountain Student Center

The new Student Center replaces the Student Center displaced by the relocation and reorganization of Student Services to the ground floor of the Red Mountain Building. The new Student Center provides dedicated student life space for the campus. Currently the students are frequently displaced by events also sharing the Student Center space. The new Student Center will connect the Red Mountain Building with the Learning Center (Library). The Center will house gathering spaces, study spaces, and group meeting spaces for students and faculty, as well as the relocated Bookstore.



## CAPITAL PROJECTS

### TMCC Facilities Master Plan Update

#### Future Projects

The Capital Projects generated as a result of the Master Planning Process are generally sequential in nature. While the EATS, TMCC Fitness Complex and Learning Center may occur independently of the other projects on the list, the remaining projects should occur in the sequence listed in order to avoid relocating departments or areas more than once.

This list comprises the major Projects. There will be several small projects that may be required as part of the sequence of each of these moves. Each item is a project within itself. A proper space programming phase should be made as part of each Project in order to identify the users' function and space needs when designing the specific project.

**Events, Arts, and Technology Space**

**TMCC Fitness Complex**

**Learning Center Remodel**

**Relocate Admissions & Records to 1st Floor**

**Relocate Fitness Dance Studio to 3rd Floor**

**Convert 315L to Music Room**

**North Entrance Remodel**

**Relocate Art Gallery**

**Relocate Student Services to 1st Floor**

**Student Center**

**Relocate Bookstore**

#### PROJECTS