

COMPUTER TECHNOLOGIES

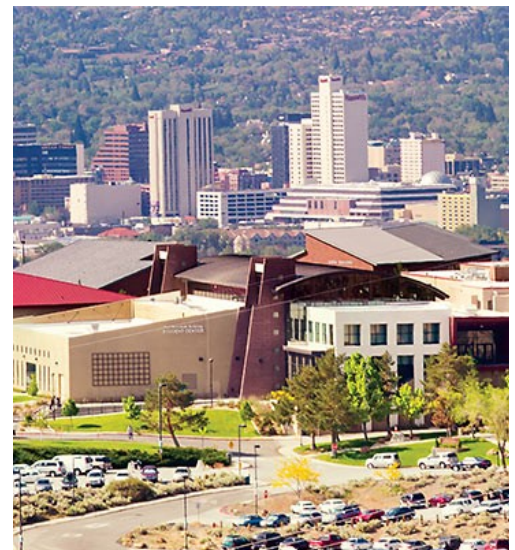


INTERNSHIP OPPORTUNITIES

An internship program offers students an opportunity to enhance classroom and lab learning with “real world” work experience. Each student is required to manage their own internship search process with assistance from the Internship Coordinator. If interested in pursuing an internship visit <http://www.tmcc.edu/career-center/internships/> to learn more.

Careers in Computer Technologies

- Information Security Specialist
- Database Administrator
- Computer Programmer
- Computer Support Specialist
- Software Developer
- IT Manager
- Software Engineer
- Network Systems Administrations
- Mobile Application Developer
- Video Game Developer
- Web Developer

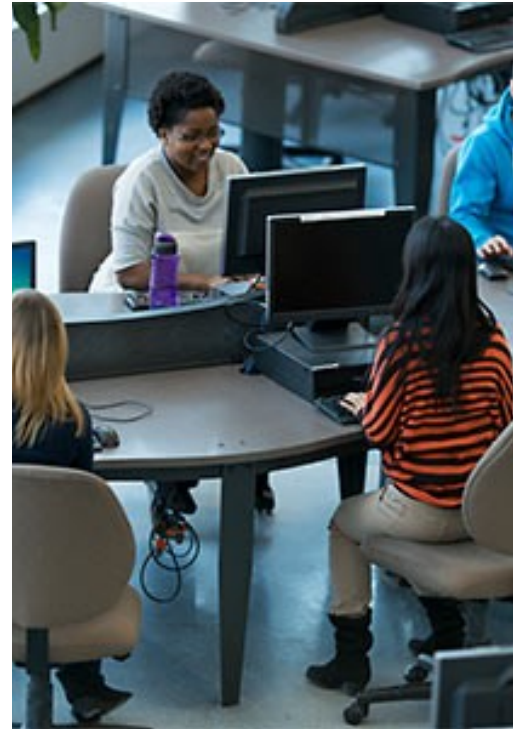


COMPUTER TECHNOLOGIES

Preparing for a career in Computer Technologies

Computer Technology professionals possess the right combination of knowledge and practical, hands-on expertise to take care of both an organization's information technology infrastructure and the people who use it. They assume responsibility for selecting hardware and software products appropriate for an organization. They integrate those products with organizational needs and infrastructure, and install, customize and maintain those applications, thereby providing a secure and effective environment that supports the activities of the organization's computer users.

Planning and managing an organization's IT infrastructure is a difficult and complex job that requires a solid foundation in applied computing as well as management and people skills. Those in the computer technology discipline require special skills in understanding, for example, how networked systems are composed and structured, and what their strengths and weaknesses are. There are important software systems concerns such as reliability, security, usability, and effectiveness and efficiency for their intended purpose; all of these concerns are vital.



ACADEMICS

Course Suggestions:

- Pre-calculus: MATH 126
- CCNA Internetworking Fundamentals: CSCO 120
- Business Applications on the Internet: COT 207
- Digital Design: CPE 201
- Network +: CIT 112
- IT Essentials : CIT 114R
- Introduction to Software Development: CIT 128
- Beginning Web Development: CIT 151
- Security +: CIT 217
- Web Languages: CIT 257
- Computer Science I : CS I
- Computer Organization: CS 219
- Introduction to Information Systems: IS 101

CO-CURRICULAR ACTIVITIES AND COMMUNITY ORGANIZATIONS

TMCC offers a number of different certifications in the area of computer technologies. These certifications include a variety of courses from office software to advanced networking to computer literacy skills. The world of technology is ever-changing, and TMCC offers a number of different opportunities to earn certification within this field as students progress through their curriculum for their degree. For more information regarding the various computer technologies certifications, student can visit the TMCC Computer Technologies website at <http://www.tmcc.edu/ct/>.

