WESTERN COLORADO
COMMUNITY COLLEGE
*A Division of Colorado Mesa University*

**About This Certificate . . .**

Students enrolled in Technology Integration learn a multitude of skills to help prepare them to enter a variety of careers related to computer systems, computer system administration and networking, electronics, and telecommunications engineering. Students begin the program studying basic core classes including communications, electronics information technology hardware and software, and Cisco Systems Network training.

Students select an area of specialization from two choices – telecommunications VoIP technician, or network technician. The coursework in this certificate is aligned with national and international certifications including Cisco, A+/N+, CET, and Convergent Technology Professional (CTP).  Program content has been structured to give a basic education to all graduates entering this field. Emphasis has been placed on providing a common core of training for all students due to the convergence of the communication industries.

Network technician coursework teaches students valuable internet technology skills, including networking, Web design, IT Essentials, Cabling, Java and UNIX. The curriculum covers a broad range of topics from basics on how to build a network to how to build a website and more complex IT concepts such as applying advanced troubleshooting tools.

For more information on what you can do with this major, go to http://www.coloradomesa.edu/wccc/programs.html

POLICIES:
1.  It is your responsibility to determine whether you have met the requirements for your degree.  Please see the Catalog for a complete list of graduation requirements.
2.  You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December**.
3.  This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4.  Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5.  Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6.  If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester.  Your "Intent to Graduate" does not automatically move to a later graduation date.
7.  NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

**NAME:** _____          **STUDENT ID #** _____

**LOCAL ADDRESS AND PHONE NUMBER:** _____

_____     ( _____ ) _____

I, (Signature) _____, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet.  I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester.  I have indicated the semester in which I will complete these courses.

_____          _____ 20 _____
Signature of Advisor                                           Date

_____          _____ 20 _____
Signature of Department Head                              Date

_____          _____ 20 _____
Signature of Registrar                                         Date

**Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.**

Degree Requirements:
- 2.00 cumulative GPA or higher in all CMU coursework
- "C" or better in each course which comprises the area of emphasis or specialization.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Program sheets are for advising purposes only. Because a program may have requirements specific to the degree, check with your advisor for additional guidelines, including prerequisites, grade point averages, grades, exit examinations, and other expectations. It is the student's responsibility to be aware of, and follow, all guidelines for the degree being pursued. Any exceptions or substitutions must be approved by the faculty advisor and/or Department Head.
- See the "Undergraduate Graduation Requirements" in the catalog for additional graduation information

**Technical Certificate: Technology Integration – Network Technician** (31 Semester Hours)
See the current catalog for a list of courses that fulfill the requirements below. If a course is on the general education list of options and a requirement for your major, <u>you must use it to fulfill the major requirement</u> and make a different selection within the general education requirement.

| Course No | Title | Sem.hrs | Grade | Term/Trns |
|---|---|---|---|---|
| TECI 132 | Intro to IT Hardware & System Software | 3 | _____ | _____ |
| TECI 170 | Intro to Communications | 3 | _____ | _____ |

| Course No | Title | Sem.hrs | Grade | Term/Trns |
|---|---|---|---|---|
| TECI 180 | Cisco Networking I | 4 | _____ | _____ |
| TECI 185 | Cisco Networking II | 4 | _____ | _____ |
| TECI 230 | Cisco Networking III | 4 | _____ | _____ |
| TECI 235 | Cisco Networking IV | 4 | _____ | _____ |
| TECI 251 | Personal & Professional Leadership Development | 2 | _____ | _____ |
| TECI 260 | Info Technology Hardware & System Software | 3 | _____ | _____ |
| TECI 290 | Certification: | 1 | _____ | _____ |
| MATH 107 | Career Mathematics | 3 | _____ | _____ |

# SUGGESTED COURSE SEQUENCING FOR THE TECHNICAL CERTIFICATE WITH A PROGRAM OF STUDY IN TECHNOLOGY INTEGRATION - SPECIALIZATION IN NETWORK TECHNICIAN

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student's responsibility to meet with the assigned advisor and check the 2 year course matrix on the Colorado Mesa website for course availability.

| First Semester | | Hours |
|---|---|---|
| MATH 107 | Career Mathematics | 3 |
| TECI 132 | Intro to IT Hardware & Sys Software | 3 |
| TECI 180 | Cisco Networking I | 4 |
| TECI 185 | Cisco Networking II | 4 |
| TECI 251 | Personal & Professional Leadership Dev. | 2 |
| | | 16 |

| Second Semester | | Hours |
|---|---|---|
| TECI 170 | Introduction to Communications | 3 |
| TECI 230 | Cisco Networking III | 4 |
| TECI 235 | Cisco Networking IV | 4 |
| TECI 260 | Info Tech Hardware & System Software | 3 |
| TECI 290 | Certification: | 1 |
| | | 15 |