2016-2017 PETITION/PROGRAM SHEET
Award: Technical Certificate
Program of Study: Technology Integration
Specialization: Certified Network Technician

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, and Cisco Systems Network training. This certificate program prepares students with the entry level skills and knowledge requisite to work on networks in a CISCO environment. Through this certificate, students have the opportunity to obtain the skills necessary to test for the industry certification CCNA. In addition, the courses are part of the AAS TECI Networking Emphasis degree. The CISCO program provides students with a skill set sought by employers hiring network engineer technicians.

The coursework in this certificate is aligned with national and international certifications including Cisco (CCENT/ICND1/ICND2/CCNA), A+/N+. Program content has been structured to give an entry level 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.

The Cisco CCNA certification for network associates validates the ability to install, configure, operate, and troubleshoot medium-sized routed and switched networks, and implement and verify connections to remote sites in a wide-area network (WAN) Network technician coursework teaches students valuable Internet technology skills, including networking, IT Essentials, Cabling. The curriculum covers a broad range of topics from basics on how to build a network, 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.

All CMU certificate graduates are expected to demonstrate proficiency in critical thinking, communication fluency, quantitative fluency, and specialized knowledge/applied learning. In addition to these campus-wide student learning outcomes, graduates of this major will be able to:

1. Apply business communication using listening, verbal and written and electronic forms that are needed for entry level employment. (Communication Fluency)
2. Apply mathematical and applied physics concepts for industry to meet employment requirements. (Quantitative Fluency)
3. Research, evaluate, synthesize and apply information/data relevant to business, sciences and technical careers. (Critical Thinking)
4. Demonstrate knowledge of terminology, symbols, business practices, and principles and application of technical skills. (Specialized Knowledge)
5. Perform the necessary applied skill sets to fulfill the needs of entry level employment. (Applied Learning)
6. Demonstrate ethical, civic and work place responsibility as part of professional behavior. (Specialized Knowledge)

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 have read and understand the policies listed on the last page of this 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 the 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:
- 17 semester hours total.
- 2.00 cumulative GPA or higher in all CMU coursework and a "C" or better must be achieved in coursework toward major content area.
- 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. Courses related to teacher licensure must also be approved by the Teacher Education Dept.
- When filling out the program sheet a course can be used only once.
- See "Requirements for Undergraduate Degrees and Certificates" in the catalog for additional graduation information.

TECHNICAL CERTIFICATE: Certified Network Technician
(17 semester hours)

Course No	Title	Sem.hrs	Grade	Term

Core Classes

Course No	Title	Sem.hrs	Grade	Term
TECI 132	Intro to IT Hardware and System Software	3	_____	_____
TECI 180	Cisco Networking I	4	_____	_____
TECI 185	Cisco Networking II	4	_____	_____
TECI 245	Security Fundamentals	3	_____	_____
TECI 251	Personal and Professional Leadership Development	2	_____	_____
TECI 290	Certification: CCENT	1	_____	_____
		17		

POLICIES:
1. Please see the catalog for a complete list of graduation requirements.
2. 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.** 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. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature. Finally, the Department Head will submit the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
4. 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.
5. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).
6. NOTE: Students should consult the Financial Aid Office for eligibility requirements for undergraduate and graduate certificates