



2010-2011 PETITION/PROGRAM SHEET
Degree: Associate of Applied Science
Major: Technology Integration
Emphasis: Network/Telecommunication Technician
www.mesastate.edu/academics/programs.html

About This Emphasis . . .

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, DC/AC circuitry, information technology hardware and software, and Cisco Systems Network training.

In the second year, students select an area of emphasis from three choices – telecommunications engineering, network technician, or certified electronics technician. The course work in this associate of applied science program is aligned with national and international certifications including Cisco, A+/N+, CET, and Convergent Technology Professional (CTP), and Voice over Internet Protocol (VoIP). 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.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC 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 WCCC for signature.
5. Finally, the WCCC 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.

Signature of Advisor _____ Date _____ 20____

Signature of WCCC _____ Date _____ 20____

Signature of Registrar _____ Date _____ 20____

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

Degree Requirements:

- 60 semester hours total (A minimum of 16 taken at MSC in no fewer than two semesters).
- 2.00 cumulative GPA or higher in all MSC 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.
- A student must follow the MSC graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the “Undergraduate Graduation Requirements” in the Mesa State College catalog for additional graduation information.

GENERAL EDUCATION REQUIREMENTS (18 semester hours)

See the current Mesa State College 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, you must use it to fulfill the major requirement and make a different selection within the general education requirement.

Course	No	Title	Sem.hrs	Grade	Term/Trns
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English (6 semester hours)

ENGL 111	English Composition	3	_____	_____
ENGL 112	English Composition	3	_____	_____

Math: (4 semester hours)

MATH 108	Technical Mathematics	4	_____	_____
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Social and Behavioral Sciences, Humanities, or Selected Speech Courses (6 semester hours)

_____	_____	3	_____	_____
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_____	_____	_____	3	_____	_____
Course	No	Title	Sem.hrs	Grade	Term/Trns
Kinesiology (2 semester hours)					
KINE 100	Health and Wellness	1	_____	_____	
KINA 1	_____	1	_____	_____	

ASSOCIATE OF APPLIED SCIENCE: TECHNOLOGY INTEGRATION – NETWORK/TELECOMMUNICATION TECHNICIAN REQUIREMENTS

(48 semester hours)

Core Classes

TECI 117	DC Passive Circuits	3	_____	_____
TECI 118	AC Passive Circuits	3	_____	_____
TECI 132	Intro to IT Hardware and System Software	3	_____	_____
TECI 170	Intro to Communications	3	_____	_____
TECI 180	Cisco Networking I	3	_____	_____
TECI 185	Cisco Networking II	4	_____	_____
TECI 230	Cisco Networking III	4	_____	_____
TECI 235	Cisco Networking IV	4	_____	_____
TECI 260	Information Technology Hardware & System Software	3	_____	_____
TECI 265	Advanced IT Hardware & System Software	3	_____	_____
TECI 265L	Advanced IT Hardware & System Software Lab	1	_____	_____
TECI 290	Certification:	2	_____	_____
TECI 292	Capstone in Technical Engineering and Economics	4	_____	_____
TECI 110	Applied Physics	3	_____	_____
TECI 251	Personal and Professional Leadership Development	2	_____	_____
TECI 240	VoIP Fundamentals	3	_____	_____

SUGGESTED COURSE SEQUENCING FOR THE ASSOCIATE OF APPLIED SCIENCE WITH A MAJOR IN TECHNOLOGY INTEGRATION, EMPHASIS IN NETWORK/TELECOMMUNICATION 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 Mesa State website for course availability.

First Semester		Hours	Second Semester		Hours
MATH 108	Technical Mathematics	4	ENGL 111	English Composition	3
TECI 117	DC Passive Circuits	3	TECI 110	Applied Physics	3
TECI 132	Intro to IT Hardware & Sys Software	3	KINE 100	Health and Wellness	1
TECI 170	Introduction to Communications	3	TECI 118	AC Passive Circuits	3
TECI 180	Cisco Networking I	<u>3</u>	TECI 185	Cisco Networking II	4
		16	TECI 251	Personal/Professional Leadership Dev.	2
			KINA	Activity	<u>1</u>
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Third Semester		Hours	Fourth Semester		Hours
ENGL 112	English Composition	3	General Education Soc/Beh. Sci, Humanities, or Speech		3
General Education Soc/Beh. Sci, Humanities, or Speech		3	TECI 235	Cisco Networking IV	4
TECI 230	Cisco Networking III	4	TECI 265	Adv. IT Hardware & Sys Software	3
TECI 240	VoIP Fundamentals	3	TECI 265L	Adv. IT Hardware & Sys Software Lab	1
TECI 260	Info Tech Hardware/System Software	<u>3</u>	TECI 290	Certification:	2
		16	TECI 292	Capstone in Tech Engineering/Economics	<u>4</u>
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