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.

Students select an area of emphasis from four choices – telecommunications engineering, network technician, process maintenance technician, or certified electronics technician. The course work 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.

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 Director of Instruction for signature.
5. Finally, the WCCC Director of Instruction 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 WCCC Director of Instruction   Date

_____   _____20_____
Signature of Registrar   Date

- A cumulative grade point average of 2.0 or higher must be maintained for all courses taken and a "C" or better must be achieved in each course which comprises the area of emphasis or specialization for TECI.

- It is recommended that students work closely with a faculty advisor when selecting appropriate courses and scheduling classes.

Technical Certificate: Technology Integration – Network Technician (33 Semester Hours)

Course	No.	Credit	Grade	Term	Year	Trns/Subs	Course	No.	Credit	Grade	Term	Year	Trns/Subs
TECI	132	3					TECI	235	4				
TECI	170	3					TECI	260	3				
TECI	180	3					TECI	260L	1				
TECI	185	4					TECI	290	2				
TECI	230	4					UTEC	107	4				
							UTEC	251	2				

Technical Certificate: Technology Integration – Network Technician (33 Semester Hours)

TECI 132 Introduction to IT Hardware and System Software
TECI 170 Introduction to Communications
TECI 180 Cisco Networking I
TECI 185 Cisco Networking II
TECI 230 Cisco Networking III
TECI 235 Cisco Networking IV
TECI 260 Information Technology Hardware and System Software
TECI 260L Information Technology Hardware and System Software Laboratory
TECI 290 Certification:
UTEC 107 Math for Technology
UTEC 251 Personal and Professional Leadership Development

SUGGESTED COURSE SEQUENCING FOR THE TECHNICAL CERTIFICATE WITH A MAJOR IN TECHNOLOGY INTEGRATION - EMPHASIS 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 their advisor and check the 2 year course matrix on the Mesa State website for course availability.

First Semester		Hours	Second Semester		Hours
UTEC 107	Math for Technology	4	UTEC 251	Personal & Professional Leadership Dev.	2
TECI 132	Intro to IT Hardware & Sys Software	3	TECI 230	Cisco Networking III	4
TECI 170	Introduction to Communications	3	TECI 235	Cisco Networking IV	4
TECI 180	Cisco Networking I	3	TECI 260	Info Tech Hardware & System Software	3
TECI 185	Cisco Networking II	4	TECI 260L	Info Tech Hardware & Sys Software Lab	1
		17	TECI 290	Certification:	2
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