STEM Academic & Career Pathway

IT Network Specialist (AI, Cloud and Virtualization) Online Accelerated Cohort

AD
Associate Degree

PROGRAM CODE: **10-150-2**

Location: Online Campus

Start Dates: January

Admission Requirement: High school diploma or GED and one year of high school-level algebra or one semester of college-level algebra. Requires interview with instructor; fill out form on program's webpage.

Transfer: Will transfer to one or more four-year institutions

Financial Aid Eligible: Yes.
Apply at fafsa.gov. Use School Code 003866.

Program Description

The Accelerated Online program is an 18- to 20-month, cohort-based program where students take technical courses from the IT Network Specialist associate degree and IT Networking and Infrastructure Administration technical diploma. You work with the same set of students and instructors for the duration of the program, reducing redundancy and using the same learning tools throughout. This is an excellent environment for adult learners, career changers, displaced workers and students with existing degrees.

Career Outlook

Employment opportunities are strong. This associate degree program prepares you for entry-level positions with opportunities for advancement. The program also prepares you for many industry-sought certifications.

Program Learning Outcomes

- Implement computer networks.
- Implement client systems.

Complete Program Details

QUESTIONS? 414-297-6319 or stempathway@matc.edu

COURSE		CREDITS
ENG-195	Written Communication ‡	3
	(or) ENG-201 English 1 ‡	
IT-107	Social Networking and Business Communications	3
ITNET-101	Network Communications (CompTIA Network+) ^	3
ITNET-110	Managing Windows Desktop (Client) Operating System ^	3
ITNET-131	Introduction to Networks (Cisco 1) ^	3
ENG-197	Technical Reporting ‡	3
	(or) Any 200-level ENG or SPEECH course	
ITNET-112	MS Server Administration 1 ^	3
ITNET-132	Routing/Switching Essentials (Cisco 2) ‡ ^	3
ITSEC-124	Network Security (Security+)	3
ITSUP-102	CompTIA A+ Essentials	3
ITNET-111	MS Server Administration 2 ^	3
ITNET-133	Scaling Networks (Cisco 3) ‡ ^	3
ITNET-154	Scripting for Network Administrators ^	3
ITNET-159	Cloud Infrastructure Services	3
MATH-123	Math With Business Applications ‡ ^	3
	(or) Any 200-level MATH course	
ELECTIVES	(Three credits)	3
ITNET-157	Virtualization Technologies ^	3
ITNET-198	Network Specialist Internship ‡	1
ITNET-199	Integrated Project – Network Specialist	2
PSYCH-199	Psychology of Human Relations	3
	(or) Any 200-level PSYCH course	
SOCSCI-197	Contemporary American Society	3
	(or) Any 200-level HIST or SOCSCI course	

CREDITS
Total credits needed to complete this degree
60

‡ Prerequisite required.

^ Counts toward earning the IT Networking and Infrastructure Administration technical diploma.

Program curriculum requirements are subject to change.

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.