

IT Networking and Infrastructure Administration



Technical Diploma

PROGRAM CODE: 31-150-2



COURSE		CREDITS
ITNET-101	Network Communications (Network+).....	3
ITNET-110	Managing Windows Desktop (Client) Operating System	3
ITNET-131	Introduction to Networks (Cisco 1).....	3
ITNET-112	MS Server Administration 1	3
ITNET-132	Routing/Switching Essentials (Cisco 2) ‡.....	3
ITNET-157	Virtualization Technologies	3
MATH-123	Math With Business Applications ‡.....	3
ITNET-111	MS Server Administration 2.....	3
ITNET-133	Scaling Networks (Cisco 3) ‡.....	3
ITNET-154	Scripting for Network Administrators.....	3

Location: All Campuses, Online Campus

Start Dates: August and January

Admission Requirement: High school diploma or GED and one year of high school-level algebra or one semester of college-level algebra

Financial Aid Eligible: Yes.

Apply at fafsa.gov. Use School Code 003866.

CREDITS

Total credits needed to complete this diploma

30

‡ Prerequisite required.

Program curriculum requirements are subject to change.

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

Program Description

Through hands-on coursework, you will set up and troubleshoot computer and network operating systems and work with emerging IT technologies. Certification preparations in this program include VMware Certified Professional (VCP-DCV), Cisco Certified Networking Associate (CCNAv7), Microsoft Certifications, Testout and CompTIA (Network+).

Career Outlook

Opportunities are strong, including positions for network administrators, specialists and technicians.

Program Learning Outcomes

- Implement network security, firewalls, ACLs and VLANs.
- Install network/server hardware, software and operating systems.
- Support, monitor and maintain computers and computer networks.
- Utilize emerging technologies such as machine virtualization, wireless networking and cloud computing.



Complete Program Details

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