

IT Networking and Infrastructure Administration

PROGRAM CODE: 31-150-2

TD

Technical Diploma

**Location:** Online Campus, West Allis Campus**Start Dates:** August and January**Admission Requirement:** High school diploma or equivalent**Academic Preparedness Requirement:** One year of high school-level algebra or one semester of college-level algebra**Financial Aid Eligible:** Yes. Use code 003866 at fafsa.gov.

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

COURSES

COURSES	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
ITNET-199	Integrated Project-Network Sp 2

CREDITS

Total credits needed to complete this diploma

32

‡ Prerequisite required.

Program curriculum requirements are subject to change.

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

MATC courses are offered in person, entirely online or partially online. Check each course's delivery options in Self-Service at selfservice.matc.edu.