



IT - Network Specialist

62-credit Associate of Applied Science Degree

www.wctc.edu/network-spec

If you have excellent communication skills - both technical and non-technical - enjoy interpreting data, are a logical thinker and detail oriented, a career as a network specialist might be right for you. Those who work in this field are tasked with monitoring network equipment, and maintaining, installing and configuring computer hardware and software.

About This Program

Learn to secure networks and create and maintain computer systems essential for day-to-day business operations, ensuring network security and connectivity. Install and troubleshoot operating systems, configure routers and switches, and manage remote clients and devices. Explore cloud security, cost and core services, and understand and implement virtualization in an enterprise.



Career Salaries

\$65,000 - \$100,000+ annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.

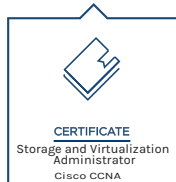


Potential Careers

Network Administrator
Network Engineer
IT Technician
Systems Administrator

What Makes This Program Unique

- Leverage current industry-standard tools including Microsoft Server, AWS Cloud, Virtualization, Cisco routers and switches with IOS, Linux OS Server and wireless equipment.
- Complete real-world business challenges in state-of-the-art labs that use the latest Cisco routers and switches and other current business-class hardware and software.
- Earn two degrees in three years by combining IT - Network Specialist with one of these dual degree options:
 - IT - Cybersecurity Specialist: Learn more.
 - IT - Computer Support Specialist: Learn more.



PROGRAM CODE 10-150-2

CORE COURSES

CORE COURSES		Credits
107-103	IT Business Strategies	3
107-137	IT Internship	1
107-184	IT Network Capstone	2
150-117	Introduction to Cisco Networks (Cisco 1)	3
150-118	Switching Routing & Wireless (Cisco 2)	3
150-121	Enterprise Clients	3
150-137	MS Server	3
150-153	Virtualization	3
150-165	Cloud AWS	3
150-166	AWS Solutions Architect	3
150-172	Wireless Technology	3
150-173	Azure Cloud	3
150-188	Linux Essentials	3
151-106	Security I	3
152-101	Python Programming	1
631-183	IT Essentials	3

GENERAL STUDIES

801-136	English Composition 1	3
801-197	Technical Reporting	3
801-198	Speech	3
804-133	Math & Logic	3
809-143	Microeconomics	3
809-199	Psychology of Human Relations	3
890-108	Employment Success	1



WAUKESHA COUNTY TECHNICAL COLLEGE

Hands-on Higher Ed