



IT - Cybersecurity Specialist

63-credit Associate of Applied Science Degree

www.wctc.edu/cyber-spec

If you are able to think on your feet, are a creative problem-solver and can work well in collaboration with others, a career in the cybersecurity field may be a good fit for you. Those working in cybersecurity are conscientious; they design, test, implement and protect security systems that are in place for a company's computer system and networks.

About This Program

Cybersecurity specialists implement, maintain and audit the security of an organization's computer networks and systems. Learn to protect data confidentiality, integrity and availability by implementing current real-world technology, processes and procedures. Emphasis is placed on vigilant security awareness, identifying security threats and implementing appropriate incident responses.



Career Salaries

\$65,700 - \$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

Security Analyst
Security Engineer
Security Specialist
Security Administrator

What Makes This Program Unique

- The BIT Connections Club allows members to expand IT skills through service learning projects, emerging technology exploration, aspects of global business technology, professional development and travel opportunities.
- IT associate degree program students take similar courses in the first two semesters, allowing for an easy transition to dual degrees.
- Earn two degrees in three years by combining IT - Cybersecurity Specialist with IT - Network Specialist. Learn more about this dual degree option.



PROGRAM CODE 10-151-2

CORE COURSES

CORE COURSES		Credits
107-103	IT Business Strategies	3
107-137	IT Internship	1
107-184	IT Capstone	2
150-117	Introduction to Cisco Networks Cisco 1, take 1st	3
150-118	Switching Routing & Wireless Cisco 2, take 2nd	3
150-137	MS Server	3
150-157	Security II	3
150-161	Ethical Hacking	3
150-164	Intro to Bash Shell Scripting	1
150-169	Business Continuity Planning	3
150-188	Linux Essentials	3
151-102	Log and Threat Analysis	3
151-103	Firewall Security	3
151-104	Intrusion Detection	3
151-105	Digital Forensics	3
151-106	Security I	3
151-107	Web Application Security	3
152-101	Python Programming	1

GENERAL STUDIES

801-136	English Composition 1	3
801-198	Speech	3
804-133	Math & Logic	3
809-195	Economics	3
809-199	Psychology of Human Relations	3
890-108	Employment Success	1



WAUKESHA COUNTY TECHNICAL COLLEGE

Hands-on Higher Ed