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 monitor an organization’s computer network and system, maintain system security and upgrade security measures to prevent computer viruses and cyberattacks. Learn to protect data confidentiality, integrity and availability while learning ways to implement security mechanisms. Emphasis is placed on vigilant security awareness, identifying network threats and deploying appropriate incident responses.

What Makes This Program Unique
- WCTC is the only college in Wisconsin to earn the designation of Center of Academic Excellence-Two Year Education (CAE2Y) – from the National Centers of Academic Excellence in Cyber Defense (CAE-CD).
- This program is offered in an evening flexible delivery format allowing students to attend in-person or remotely.
- IT associate degree program students take similar courses in the first two semesters; allowing for an easy transition to dual degrees.
- Involvement in the BIT Connections Club allows members to share and expand upon IT skills through service learning projects, emerging technology exploration, aspects of global business technology and professional development opportunities.
- Earn two degrees in three years by combining IT - Network Specialist with IT - Cybersecurity Specialist.

Program Code 10-151-2

Core Courses:
- 107-103 IT Business Strategies 3
- 107-137 IT Internship 1
- 107-184 IT Capstone 2
- 150-137 MS Server 2016 3
- 150-154 Shell Scripting 2
- 150-157 Security II 3
- 150-161 Ethical Hacking 3
- 150-169 Business Continuity Planning 3
- 150-178 Cisco1-Intro to Networks 3
- 150-179 Cisco2-Route/Switch Essentials 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

General Studies:
- 801-136 English Composition 1 3
- 801-198 Speech 3
- 804-133 Math & Logic 3
- 809-195 Economics or 809-143 Microeconomics 3
- 809-199 Psychology of Human Relations 3 or 809-198 Intro to Psychology
- 890-108 Employment Success 1

Career Salaries
$59,000 – $94,000 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

WCTC prohibits discrimination or harassment based on any status protected by applicable state or federal law.