

# Cybersecurity & Digital Forensics

## Career Roadmap

### MCCC Career Major

#### Required Courses

Cybersecurity Defense and Reinforcement  
Fundamentals of Operating Systems  
Networking  
Network Management  
Information Technology

#### College Credit

Students have the opportunity to earn college credit in this program.

#### Goals

Earn High School Diploma  
Earn Industry Certifications

#### MCCC Industry Certifications\*

Internet Computing Core Certifications (IC3)  
Microsoft Office 365  
CompTIA A+, Security +  
Information Technology Specialist  
CPR and First Aid  
Pre-Apprenticeship (ApprenticeOhio)

#### Job Placement | Internships

Computer User Support Specialist  
Web Developer  
Computer Programmer

### Technical Careers

#### Associate Degree

Computer Networking Hardware  
Networking Software  
Cybersecurity  
Information Technology  
Programming and Development

#### Advanced Certifications

Computer Maintenance Technology  
Cybersecurity Analytics  
Data Analytics  
Mobile Application Development  
Programming and Development  
Web Application Development

#### Jobs with Work Experience & Associate Degree

Network & Computer Systems Administrator  
Computer Systems Analyst  
Database Administrator  
Software Developer Applications  
Information Security Analyst

### Professional Careers

#### Bachelor Degree\*

Computer Science  
Computer Science Technology  
Computer Information Systems  
Computer Engineering

#### Master Degree\*

Computing & Information Science  
Computer Science

#### Doctoral Degree\*

Computational Science  
Computer Science  
Educational Technology  
Information Systems

#### Extensive Work Experience\*

Computer Network Architect  
Computer Hardware Engineer  
IT Project Manager  
Software Developer  
Computer and Information Systems Manager

\*Examples only. Degrees and work experience options are extensive.

\*Students who meet certification criteria will have the opportunity to test in their CT program.

