

Industry Credentials, Concentration Sequences, and Career Clusters Cybersecurity Systems Technology, Advanced (8629)

Industry Credentials:

These apply only to 36-week courses.

- A+ Certification Examination
- Apple Certified Support Professional Examination
- College and Work Readiness Assessment (CWRA+)
- Computer Networking Fundamentals Assessment
- Computer Repair Technology Assessment
- Computer Service Technician (CST) Examination
- Computer Technology Assessment
- Customer Service Examination
- IC3 Digital Literacy Certification Examination
- IT Fundamentals+ Certification Examination
- National Career Readiness Certificate Assessment
- Network Administration Certification Tests
- Network+ Certification Examination
- Security+ Certification Examination
- Technical Support Certification Tests
- Workplace Readiness Skills for the Commonwealth Examination

Concentration Sequences:

*A combination of this course and those below, equivalent to two 36-week courses, is a **concentration sequence**. A **program completer** is a student who has met the requirements for a CTE concentration sequence and all other requirements for high school graduation or an approved alternative education program. Students wishing to complete a specialization may take additional courses based on their career pathways.*

- Cybersecurity Fundamentals (6302/36 weeks)
- Cybersecurity Systems Technology, Advanced (8629/36 weeks, 280 hours)

Career Clusters, Career Pathways, and Occupations:

- Information Technology
 - Information Support and Services

- Computer Support Specialist
- Computer Systems Engineer, Architect
- Information Systems Analyst
- Maintenance Technician
- Network Systems and Data Communication Analyst
- Systems Analyst
- Network Systems
 - Computer Operator
 - Computer Security Specialist
 - Computer Support Specialist
 - Computer Systems Engineer, Architect
 - Information Security Analyst
 - Network and Computer Systems Administrator
 - Network Architect
 - Network Systems and Data Communication Analyst
 - Systems Analyst
 - Telecommunications Equipment Installer, Repairer
 - Telecommunications Specialist
- Programming and Software Development
 - Computer Software Engineer
 - Network Systems and Data Communication Analyst
- Web and Digital Communications
 - Computer Support Specialist
 - Computer Systems Engineer, Architect
 - Systems Analyst