Skills Introduced

Ability to configure and support:

- Computer hardware
- Computer peripherals (i.e., printers)
- Operating systems
- Network equipment

Ability to audit and secure:

- Workstations
- Servers
- Network appliances

Ability to design, write, and implement:

- Documentation of business workflows and IT processes
- Risk assessment documentation and business impact analysis reports
- Data forensic reports
- Change management documentation
- Disaster recovery and incident response plans
- Asset management documentation



Cecil County Public Schools does not discriminate in admissions, access, treatment or employment in its programs and activities on the basis of race, color, gender, age, national origin, religion, sexual orientation, or disabling condition.

Students from the five county high schools have the opportunity to begin programs during their junior year by a designated application process. Students will complete their programs during their senior year.

CCST IT Networking

Cecil County School of Technology

912 Appleton Rd.
Elkton, MD 21921

Phone: 410.392,8879
Fax: 410.392.8884
Guidance Office:
410.392.8880

Revised 10/2025

CompTIA AUTHORIZED ACADEMY

Cecil County School of Technology

CCST IT Networking

Cisco IT Networking Academy Program

CECIL COUNTY SCHOOL OF TECHNOLOGY

Exploring Your Tomorrow!

Expect success at CCST
Certifications, Citizenship, Skills, & Technology

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Cisco Networking Academy

What is “IT”?

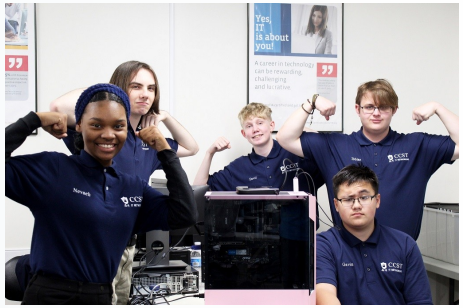
Information technology (IT) is the use of computer systems or devices to access information. It is the foundation of our communication, technological advancement, innovation, sustainability and recreation. We use information technology on a personal level to connect and communicate with others, share media, shop and be social.

From a career perspective, information technology is largely responsible for much of our business operations and spans nearly every industry. From healthcare to food services, manufacturing to sales, and beyond, we rely on IT to help connect us to others, store and manage information and create more efficient processes.

Careers in IT span many different areas, from computer hardware and software development to networking, computer repair, technical support, cybersecurity, cloud computing, artificial intelligence, data science and so much more. What originally began as a solo department, information technology is now considered a critical business function that impacts nearly every aspect of an organization.

Courses & Certifications

- IT Networking I (CompTIA A+ 1101 Core 1)
  11th Grade - Semester 1
- IT Networking II (CompTIA A+ 1102 Core 2)
  11th Grade - Semester 2
- IT Networking III (CompTIA Security+ 701)
  12th Grade - Year-long



Fees

- $80 Uniform Fee (Required)
- $127 CompTIA A+ Core 1 (Optional)
- $127 CompTIA A+ Core 2 (Optional)
- $288 CompTIA Security+ (Required)

Articulated Credit

- Cecil College (up to 7 credits)

CCPS Prerequisites

- Algebra I or equivalent

Good Skills to Have in IT

- Good spelling and punctuation
- People skills
- Attention to detail
- Ability to multitask
- Ability to be self-motivated or proactive
- Ability to exercise critical thinking to solve complex problems
- Ability to work calmly in a high stress environment
- Ability to effectively prioritize tasks and manage time
- A steady hand to work with sensitive electronic components and small screws
- Ability to use math to make calculations
- Ability to exercise patience
- Ability to lift up to 60lbs
- Clean record *(most network security jobs require a secret or top-secret clearance)*

Students enrolled are held to high expectations in order to obtain and/or improve these skills.



Job Market Outlook

- 1 in 10 U.S. IT job postings include A+ as a qualifying credential
- 40+ jobs within 25 miles of Elkton
- 35,000 U.S. IT job posted annually include A+ as a job requirement
- Overall, there were 12.1 million technology-based jobs in 2020