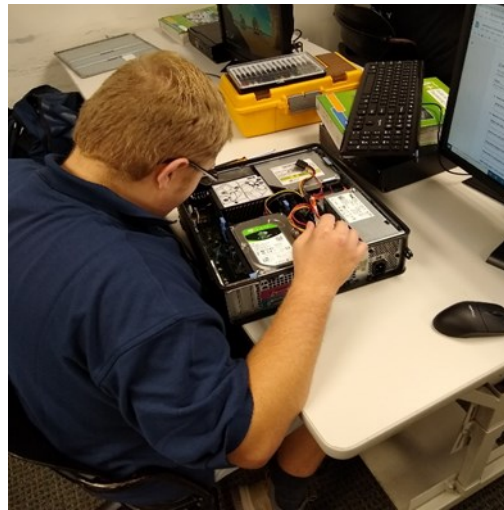


IT Networking Academy (CISCO Academy)

Students Expected to:

- Install and configure switches and routers in multiprotocol networks using local and wide area networks
- Provide Level 1 troubleshooting service
- Improve network performance and security
- Apply instruction and training in the proper maintenance and use of networking software tools and equipment
- Observe all local, state, and federal safety, building, and environmental codes and regulations

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.



Cecil County School of Technology
Cecil County Public Schools



Today's IT – Many Cloud Options



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.

Cecil County School of Technology



912 Appleton Road
Elkton, MD 21921
Phone: 410.392.8879
Fax: 410.392.8884
Guidance Office: 410.392.8880

Expect Success at CCST
Certifications, Citizenship,
Skills & Technology

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IT Networking Academy (CISCO Academy)



This nationally recognized program prepares students for successful careers in information technology fields such as computer network design and administration; hardware, software and network installation; local and wide area network (LAN/WAN) management; and systems engineering. The IT Networking Academy (CISCO Academy) prepares high school students with the professional skills they require to pursue quality academic and professional opportunities. Particular emphasis is given to using decision-making and problem-solving techniques in the application of science, math, communication, and social studies concepts to solve networking problems.

Pre: Algebra I (or equivalent)
Fees: \$403 for Certification exams and \$30 for uniforms



Potential Course Offerings

- **IT Essential I and II: PC Hardware and Software**
- **CCNA Discovery I-Networking for Home and Small Business**
- **CCNA Discovery II-Working at a Small to Medium Business or ISP**
- **CCNA Discovery III-Routing and Switching in the Enterprise**
- **CCNA Discovery IV-Designing and Supporting Computer Networks**
- **CCNA Exploration I-Networking Fundamentals**
- **CCNA Exploration II-Routing Protocols and Concepts**

Additional Future Courses

- CyberWatch: Ethics and the Information Age
- CyberWatch: Security+

Certifications

Cisco Certified Network Associate (CCNA), C-CENT, or CompTIA A+

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Program Course Sequence

Junior Year, All Year
IT Essentials

Senior Year, First Semester
CCNA I: Introduction to Networks

Senior Year, Second Semester
CCNA II: Routing & Switching Essentials



Articulated Credit

Students earning a final grade of B or higher in all courses in the program sequence may receive articulated college credit.