# Information Technology-Networking Pathway

The Information Technology-Networking program helps students develop a comprehensive foundation for designing, securing, operating, and troubleshooting modern computer networks, on the scale from small business networks to enterprise networks, with an emphasis on hands-on learning and essential career skills like problem solving and collaboration. Students will have an opportunity to sit for an industry certification.

## Cisco Networking Highlights



- Exposure to computer hardware and operating systems.
- Design, build, and maintain computer networks
- Troubleshoot and repair computer software and hardware problems
- Physically secure networks
- Hands on exposure to the latest networking equipment & tools
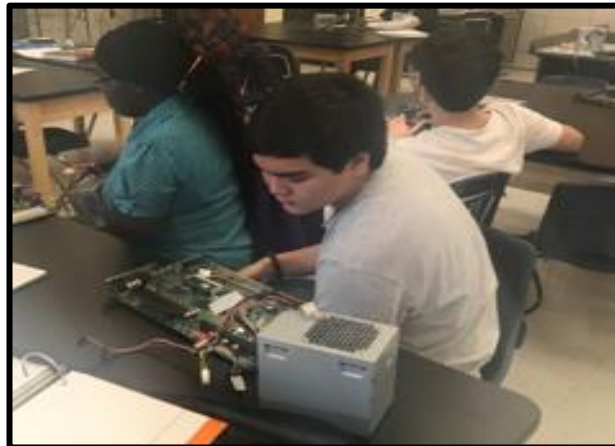- Cisco Packet Tracer



## Industry Certification

Students have the opportunity to take an industry certification such as:

- CompTIA's A+ Certification
- CompTIA's Network +
- CompTIA's Security + Certification

## Sample Careers that the Networking Course may lead to:

- Computer Technician
- PC Support Technician
- Network Administrator
- Project Manager
- Network Engineer
- Computer Engineer
- Cyber Security Analyst
- Ethical Hacker



### Internships:

In senior year, students may participate in internships, dual enrollment classes at CCBC, or remain at Western Tech to take additional math, science, or advanced placement classes.

### Articulation with CCBC:

Successful completion of the Networking courses with a "B" on the final exams can lead to students earning up to 24 articulated credits at the Community College of Baltimore County.

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