Information Technology-Cisco Networking Pathway

The Information Technology-Cisco 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 such as CompTia A+ or the CompTia Security +.

Cisco Networking Highlights
• In-depth exposure to computer hardware and operating systems.
• Design, build, and maintain computer networks
• Troubleshoot and repair computer software and hardware problems
• Secure networks
• Hands on exposure to the latest networking equipment & tools

Industry Certification
Students have the opportunity to take an industry certification such as:
• CompTIA’s A+ Certification
• CompTIA’s Security + Certification

Networking Career Options
• Computer Tech
• PC Support Tech
• Network Administrator
• Project Manager
• Network Engineer
• Computer Engineer
• Cyber Security Analyst

Internships
During their senior year, students may participate in the work-study program, dual enrollment program, or stay at Western for a full schedule. Information Technology courses are offered to students remaining at Western for their senior year.

Articulation with CCBC
Successful completion of the Networking courses with a “B” on the final exams can lead to students earning up to 12 articulated credit at the Community College of Baltimore County.