INFORMATION TECHNOLOGY/ COMPUTER NETWORKING

Students are dually enrolled in high school and SUNY Adirondack, Wilton campus, as non-matriculated students for this two-year program. Upon completion, a student is eligible to earn 28 college credits - at no cost to the student - toward an Associate in Applied Science (AAS) degree in IT Computer Networking.

• Courses in Science, Technology, Engineering and Math (STEM) are taught by Cisco Systems trained SUNY Adirondack professors and BOCES educators through a collaborative approach. Realizing that students all learn differently, this Computer Networking program devotes equal time to hands-on learning in state-of-the-art labs and classroom instruction with provided computers and laptops.

• Every student will be provided with a laptop for 1:1 technology.

• The sequence of coursework in this program will ensure job-ready skills and provide the opportunity to earn nationally recognized certifications.

• All students are given the opportunity to participate in a Work-Based Learning experience that connects students with future employers through internships, job-shadowing and mentorship.

Curriculum includes:

- IT Essentials
- Intro to Networking
- Intro to Cisco Networking
- Routing & Switching Essentials
- Scaling Networks
- Connecting Networks

Certifications & Endorsements
- CompTia A+ Certification
- CCNA (Routing & Switching)
- CCENT (Cisco Certified Entry-Level Network Technician)

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Students completing the program successfully qualify to work as:
- Computer Support Technician
- Customer Service Specialist
- IT Support Specialist
- Network Support Technician
- Systems Analyst and Manager

Employment opportunities requiring further education:
- Computer Programmer
- LAN Support Technician
- Network Administrator
- Network Analyst
- Network Engineer
- Project Manager
- WAN Support Technician

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