

# INFORMATION TECHNOLOGY/ COMPUTER NETWORKING

Students are dually enrolled in high school and SUNY Adirondack, at either the Queensbury campus or Wilton center, as a non-matriculated student for this two-year program. Upon completion, a student is eligible to earn up to 28 college credits 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 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 1:1 technology.
- The sequence of coursework in this program will ensure job-ready skills and provides the opportunity to earn nationally recognized certifications from the Computer Technology Industry Association (CompTIA) and Cisco Systems .
- All students are given the opportunity to participate in Work-Based Learning experiences that connect students with future employers through site tours, job-shadowing and mentorship.



## Curriculum includes:

- Computer Fundamentals
- Network Fundamentals
- Mobile Device Hardware & Software
- Routing Protocols and Concepts
- Scaling Networks
- Network Security

## Certifications:

- CompTIA A+
- CCENT (Cisco Certified Entry-Level Network Technician)
- CCNA (Cisco Certified Network Associate) Routing & Switching

## Students completing the program successfully qualify to work as:

- Computer Support Technician
- Customer Service Specialist
- IT Support Specialist
- Network Support Technician
- Systems Analyst & Manager

## Employment opportunities requiring further education:

- Computer Programmer
- LAN Support Technician
- Network Administrator
- Network Analyst
- Network Engineer
- Project Manager
- WAN Support Technician



CAREER AND TECHNICAL EDUCATION

The future of career success starts here.

A Division of WSWHE BOCES

For more information visit:  
[www.wswheboces.org/echs](http://www.wswheboces.org/echs)

Search for WSWHE BOCES

