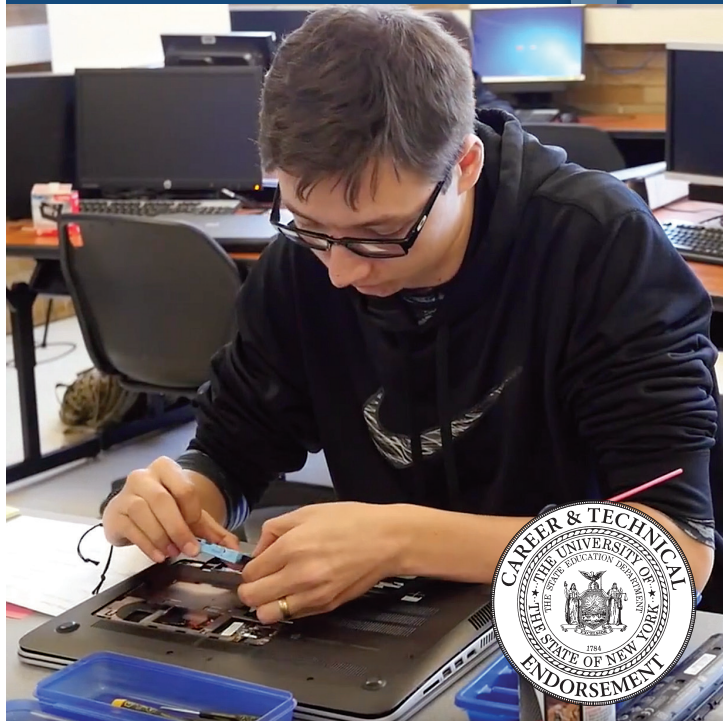ONONDAGA-CORTLAND-MADISON BOCES
Career & Technical Education
COMPUTER TECHNOLOGY
@ Cortlandville Campus

PROGRAM OVERVIEW

The Computer Technology program is designed to prepare students for the ever-changing world of computer and information technology. Through a combination of theory and hands-on lab work, this two-year, Cisco-certified program provides students with the essentials of computer repair and support in the first year, before transitioning to the fundamentals of networking in year two. As the first step in the computer technology career path, students are afforded the opportunity to earn the industry recognized Cisco Career Certification, which also serves as a gateway to the industry-recognized CCNA Certification. Moreover, the CompTIA A+ Certification is yet another key offering that helps fulfill a comprehensive program for students who are preparing for entry level work or have post-secondary aspirations. Prior to completion, students are also provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma, which they can achieve by successfully passing the industry-standard technical assessments.

- continued on reverse -

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CAREER OPPORTUNITIES

- Repair technician
- Installation technician
- IT support specialist
- Mobile app developer*
- Hardware engineer*
- Software developer*
- Network & systems analyst*
- IT security analyst*
- Network administrator*
- Programmer*
- IT & research scientist*

* Advanced Employment – Additional training may be necessary

AVAILABLE ACADEMIC CREDITS

- 3 CTE credits per year
- 1 science or math credit per year

CONTINUING EDUCATION PARTNERS

- Onondaga Comm. College
- Broome Comm. College
- Morrisville State College
- Bryant & Stratton College
- Tompkins Cortland Community College

TOMPKINS CORTLAND COMMUNITY COLLEGE

TECHNICAL SKILLS

- Computer basics & session layer
- Networking fundamentals
- OSI model presentation
- Networks application
- LAN & WAN technologies
- TCP/IP protocol & IP addressing
- Cisco IOS software
- Routing & routing protocols
- Router configuration
- Internet protocol configuration
- TCP/IP LAN switching
- Novell IPX network management
- Intro to network administration
- Point-to-point protocol ISDN
- Frame relay network management

INDUSTRY CERTIFICATION

- CISCO Certification

CISCO CERTIFIED

FOR MORE INFORMATION

For more information about the Computer Technology program, see your high school guidance counselor or call our OCM BOCES guidance counselors at:

Cortlandville Campus (Cortland): 1710 NYS Route 13
(607) 758-5260

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