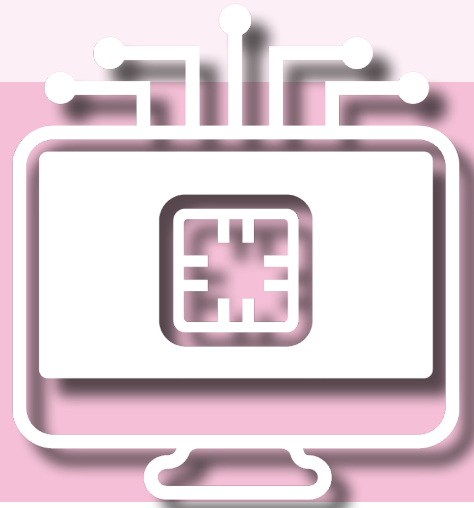


# COMPUTER TECHNOLOGY

Where bytes become brilliance as you transform coding dreams into a reality

Level up your computer skills from gaming to hardware and more. Open the portal to the exciting world of CompTIA A+ certification, Cisco Networking Academy, tech support and video game design. Boot up your understanding of personal computers and conquer the realms of building and maintaining PCs with skill. Emerge as a tech-savvy professional, equipped to face any digital challenge.



## What You Can **LEARN**

### Units of Study

- Gaming: Mapping Coordinates, Physics, Beta Builds, Ratings, Proof of Concept Testing, Isometric Geometry and Trigonometry, Scrolling and Camera View, Programming: The Game Maker Language
- Elements and Principles of Art
- Edutyping
- Intro to the Personal Computer
- Lab Procedures and Tool Use
- Computer Assembly
- Preventive Maintenance and Troubleshooting
- Windows Installation, Configuration and Management
- Network Concepts and Applied Networking
- Laptops, Mobile Devices, and Mobile Operating Systems
- Printers
- Security
- The IT Professional
- Advanced Troubleshooting



## What You Can **EARN**

### Available High School Academic Credits

*At district request, students may earn:*

- English
- Math

### Licensing/Industry-Based Certifications

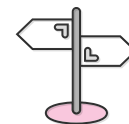
*Students have opportunities to earn:*

- CompTIA A+ Certification Prep
- National Career Readiness Certification (NCRC) with four levels of certification (Platinum, Gold, Silver, Bronze) based on three parts:
  - Applied Math
  - Workplace Documents
  - Graphic Literacy

### Work-Based Learning

*Organizations that support this program:*

- Entre Computer Services
- Monroe 2-Orleans BOCES
- SunnKing
- OS-Cubed, Inc.



## Where You Can **GO**

### Career Opportunities

Minimal Requirement Beyond CTE

- Computer Support Specialist
- Computer Repair Technician

Additional Education and/or Experience

- Systems Engineer
- Applications Developer
- Game Designer/Developer

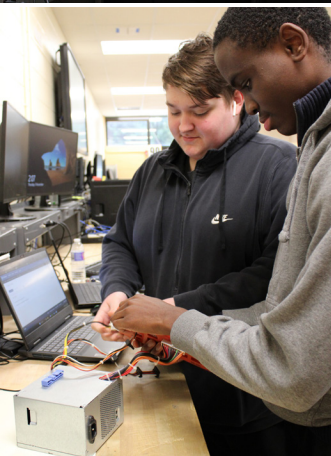
### Postsecondary Pathways

Dual Enrollment

- Genesee Community College
  - Computer Repair (CSN150)

Articulation Agreements

- Genesee Community College
- SUNY Canton
- SUNY Morrisville



Now You Can  
**KNOW**

The average annual salary for a computer and information technology occupation in the U.S. is around \$88,240, according to the Bureau of Labor Statistics.



**Monroe 2-Orleans BOCES Career and Technical Education**

WEMOCO Career and Technical Education Center  
3589 Big Ridge Road, Spencerport, NY 14559

(585) 352-2471 • [www.monroe2boces.org/cte](http://www.monroe2boces.org/cte) • @BOCES2CTE

