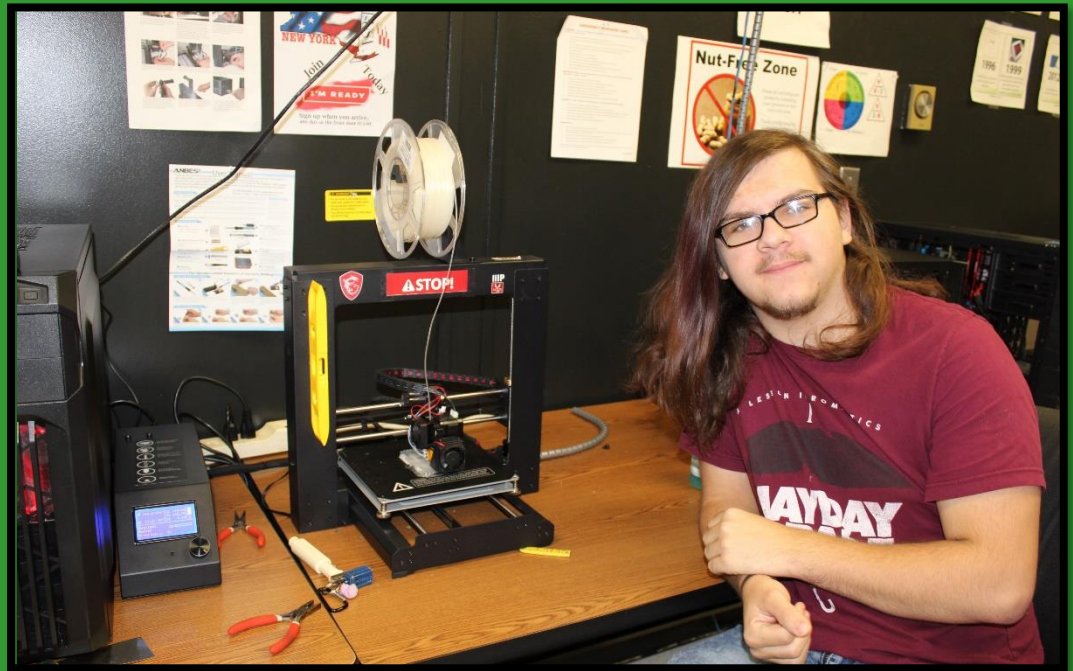




Computer Technology



Build your career today!

The Computer Technology curriculum teaches students about all aspects of computer technology including standard software packages, operating systems and hardware architecture.

College Articulation Agreements

Bryant and Stratton

Genesee Community College (OCTEC)

Niagara Community College



Computer Technology

This program is open to all students in their junior or senior year of high school. Students will learn about all aspects of computer technology including software packages, operating systems and hardware architecture. Students are eligible for Comp TIA-A+ certification.

Objectives

1. Basic computer technology and network concepts.
2. Proficiency with software packages including Microsoft Office.
3. Knowledge of internet security concerns and how to maintain a safe computing environment.
4. Fundamentals of cyber security.
5. Describe and assemble a computer system.
6. Installation of an operating system.
7. Troubleshooting computer issues by using system tools and diagnostic software.
8. Exploration of programming, web design, robotics, micro computing and multimedia.

Units of Study

Introduction to Computers, Introduction to Microsoft Office, Operating Systems (various), Computer Hardware and Systems (CISCO IT), Networking and Programming (Visual Basic), Web Design (HTML & CSS), Cyber Security, and Robotics.

How to Enroll

Orleans/Niagara BOCES partners with local school districts to provide exciting hands-on career and technical training during normal school day. To learn more, speak with your high school counselor.

NYS Approved Program Title & CIP Code

Computer Technology/Computer Systems Technology – 15.1202

Contact Information	Possible Career Paths
<p>Orleans Career and Technical Education Center 4232 Shelby Basin Rd., Medina, NY 14103</p> <p>Niagara Career and Technical Education Center 3181 Saunders Settlement Rd., Sanborn, NY 14132</p> <p>Teachers</p> <p>Paul Herrmann pherrmann@onboces.org Jeff Brown jbrown@onboces.org</p>	<ul style="list-style-type: none">• With a 2 year CTE program: Computer Support Specialist, increased demand 10%*• Bachelor's Degree: Computer and Information Systems Manager, increased demand 11%*, Information Security Analysts, increased demand 32% <p><i>*Projected national growth for 2018-2028, US Bureau of Labor Statistics</i></p>