Program Summary

- Develop, design and construct various structures using 21st century tools and technology.
- Gain skills and certificates that allow you to be employed anywhere in North America.
- Develop skills necessary to use and operate the same tools a master carpenter would use.
- Experience and manage real life construction projects.
- Discover a variety of careers in the building trades to help make smarter career decisions for your future.

College Credit Connections

- Alfred State College
- Erie Community College
- Morrisville State College

Special Notes

- Students are responsible for purchasing work boots and basic hand tools (tool pouch, hammer, tape measure, etc.).

Program Eligibility

- Technical Endorsement
- 3.75 Credits per Year
- Pathways to Graduation (CTE and CDOS)

Career Paths

Professional Careers

- Project Manager in Construction
- Engineer
- Company Owner
- Architect
- Building Inspector
- Foreman / Superintendent

Technical Careers

- Home Energy Auditor
- Home Inspector
- Drafter
- Heavy Equipment Operator
- Carpenter
- Surveyor
- Mason

Entry Level Careers

- Construction Laborer
- Union Apprentice
- Flooring Installer
- Drywall Installer
- Roofer / Sider
- Painter
CONSTRUCTION SAFETY
- OSHA Compliance
- OSHA 10 Certification
- Ladder, Scaffold Safety
- Safe Tool Use
- Jobsite Safety

HAND AND POWER TOOLS
- Proper Use
- Repair and Maintenance
- Safe Handling and Storage

ROUGH CARPENTRY
- Frame Floors and Walls
- Cut Roof Rafters
- Learn Different Home Building Techniques

ELECTRICAL AND PLUMBING
- Gain Knowledge and Understanding of Different Careers
- Learn Basic Skills for Future Projects and Applications

FINISH CARPENTRY
- Learn Finishing Skills Such as Trim, Flooring, Drywall and Fine Woodworking

COMMON STRUCTURES
- Estimating
- Print Reading
- Energy Efficiency
- Interior and Exterior Finishes