

BUILDING TRADES

NYS CIP CODE: 46.9999

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.
- 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
- SUNY Erie
- SUNY Morrisville

Additional Information

- Students are responsible for purchasing work boots and basic hand tools.

Career Pathways

Professional Careers

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

Technical Careers

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

Entry Level Careers

Construction Laborer
Drywall Installer
Flooring Installer
Painter
Roofer / Sider
Union Apprentice



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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

- Trim
- Flooring
- Drywall
- Fine Woodworking

Common Structures

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

