



Building Trades

2 YEAR PROGRAM

HARKNESS, KENTON, POTTER

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
- Morrisville State College
- SUNY Erie

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

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

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

