Construction Technologies

Lay the foundation for your future in the two-year Construction Technology program at Questar III. Using professional tools, students learn construction and renovation skills. By building real projects for community use, students learn framing, roofing, trim carpentry and other finishing skills. They learn about entry-level residential wiring, explore new “green” building technologies and receive training in home energy efficiency. Students earn an OSHA 10 Hour Safety Training Certificate. This program also has off-campus work-based learning opportunities.

Characteristics for Success:
- Likes hands-on activities
- Likes to visualize solutions, good at spatial relationships
- Enjoys designing and building projects
- Enjoys working in small groups
- Excellent attendance
- Parental support of the career and Construction Technologies program

Available Academic Credits:
- Math 11 (1 credit)
- Science 11 (1 credit)
- English 12 (1 credit)
- Career and Financial Management (1/2 credit)

For more information on the availability of this option, please contact your home school counselor.

Recommended Home School District Courses:
- Architectural Drawing
- AutoCAD
- Geometry
- Basic Woodworking

Topics Covered:
- Safety
- Measurement
- Hand Tools and Power Tools
- Roof Types, Framing, and Flashing
- Blueprints and Codes
- Wood Finishing
- Residential Wiring
- Stairs
- Foundations
- Interior Finishing

College Credit Available From:
- Alfred State College
- Hudson Valley Community College
- SUNY Delhi

Related Career Opportunities:
- Carpenter
- Construction Manager
- Contractor
- Energy Auditor
- Home Improvement Sales Associate
- Lumber Yard Employee
- Roofer
- Weatherization Specialist

Industry-Based Certifications (attainable through program):
- Occupational Safety and Health Administration (OSHA) Safety Certification

Technical Assessment:
- National Occupational Competency Testing Institute (NOCTI) Carpentry

Pass ALL three parts of the technical assessment: written, performance and portfolio

CONTACT INFORMATION:
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TITLE IX COMPLIANCE OFFICER – QUESTAR III BOCES | 10 Empire State Blvd., Castleton, NY 12033 | 518-477-8771
504 COMPLIANCE OFFICER – QUESTAR III BOCES | 10 Empire State Blvd., Castleton, NY 12033 | 518-477-8771
SCHOOL ATTORNEY – QUESTAR III BOCES | 10 Empire State Blvd., Castleton, NY 12033 | 518-477-8771

For further information on notice of non-discrimination, or to inquire regarding the application of regulations prohibiting discrimination, contact the U.S. Department of Education, Office for Civil Rights.