

# CONSTRUCTION TECHNOLOGY



Through hands-on learning, students receive a solid foundation in the construction industry. Alongside classroom instruction, students develop practical skills in framing, roofing, trim work, finishing, blueprint reading, safety protocols, project management, and sustainable building practices. With access to professional tools in their classroom workshop, students build real projects for community use. The program places a strong emphasis on job site safety, teaching students how to properly use hand and power tools and preparing them for the workforce.

## CAREER OPPORTUNITIES:

- Carpenter
- Construction manager
- Contractor
- Energy auditor
- Home improvement sales associate
- Lumber yard employee
- Roofer
- Weatherization specialist



Learning that works  
for New York



**SALARY RANGE**

**\$34,000 –  
\$230,000**



**15%**

**PROJECTED GROWTH IN NYS**

**2020–2030**



**ANNUAL PROJECTED  
JOB OPENINGS**

**23,070**

(Source: CareerOneStop, sponsored by the U.S. Department of Labor, Cabinet Makers and Bench Carpenters, Building Inspectors, Carpenter, Construction Manager, Energy Auditor, Construction Laborer, and Roofer, Zip: 12180, September 2024)

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## TECHNICAL ASSESSMENT:

- NOCTI Carpentry

*Successful passing of this written exam may be counted as the fifth required Regent's exam for graduation.*

## INDUSTRY-BASED CERTIFICATIONS:

- Building Analyst
- HEAT Certification
- OSHA 10

## AVAILABLE CREDITS:

- Math 11 (1 credit)
- Science 11 (1 credit)
- English 12 (1 credit)

*Please contact your home district counselor for the availability of these credits.*

## COLLEGE AGREEMENTS:

*Students who continue their education can receive credits from the following colleges if they attend their school:*

- Alfred State College
- Columbia Greene Community College
- Dutchess Community College
- Hudson Valley Community College
- New England Carpenters Apprenticeship Training Fund
- SUNY Delhi



[www.questar.org/cte](http://www.questar.org/cte)

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2 YEAR PROGRAM:  
GRADES

**11-12**



PROGRAM  
GRADUATION RATE

**100%**

## CONTACT INFORMATION:

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