

ONONDAGA-CORTLAND-MADISON BOCES

# Career & Technical Education

## CONSTRUCTION TECHNOLOGY

@ Thompson Road Campus



### PROGRAM OVERVIEW

The two-year Construction Technology program teaches students the essential skills needed to begin a career in the building and construction trades. Through the construction of a new house, students will gain real-world knowledge and hands-on experience in the fundamental components of carpentry, drywall, painting, framing, roofing, floor installation, door and window installation, blueprint reading, siding, electrical wiring, plumbing, proper tool use, and OSHA safety training. Students will develop and demonstrate integrated academics and employability skills through class activities, projects, live clinic, community service and professional development. Students are also provided with the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

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[WWW.OCMBOCES.ORG](http://WWW.OCMBOCES.ORG)

### Career Opportunities

- Construction worker
- Framing carpenter
- Painter/wall coverer
- Roofer
- Carpenter\*
- Electrician\*
- Plumber\*
- Concrete finisher/mason\*
- Drywall finisher\*
- Glazier & glass worker\*
- Tile/floor/window installer\*

\* Advanced Employment – Additional training may be necessary

### TECHNICAL SKILLS

- OSHA & NOCTI construction safety standards
- Blueprint reading & drafting
- Construction safety standards
- Residential construction
- Framing
- Roofing
- Siding
- Drywall finishing
- Cabinet installation
- Residential wiring

### AVAILABLE ACADEMIC CREDITS

- 3 CTE credits per year
- 1 science or math credit per year

### CONTINUING EDUCATION PARTNERS

- Alfred State College
- Morrisville State College
- Onondaga Community College
- SUNY Delhi
- SUNY Canton
- Tompkins Cortland Community College

### INDUSTRY CERTIFICATION

- OSHA 10-Hour Safety Course

### FOR MORE INFORMATION

For more information about the Construction Technology program, see your high school guidance counselor or call our OCM BOCES guidance counselors at:

Thompson Road Campus (Syracuse): 6820 Thompson Road  
(315) 433-2234