



Carpentry

Accredited Training & Education Facility - National Center for Construction & Education Research



CARPENTRY develops skills and knowledge of constructing houses and commercial buildings. Students will receive instruction in the proper care and safety of tools and equipment and how to work from plans and specifications. Students will frame and complete the exterior and finish the interior of a small house. They will be exposed to all areas of alterations.

Work Environment

Carpenters work outdoors as well as indoors and should not be afraid of heights. Safety rules must be followed outdoors and in the shop. Hand tools and power tools are used. Advancement will require additional training and education beyond high school and/or experience.

Career Opportunities

Cabinetmaker
Carpenter Foreperson
Estimator
Finish Carpenter
Flooring Installer
Framer
General Carpenter
Roof Installer
Siding Installer (all types)
Stage-set Carpenter
Trimmer (inside)

Advanced Standing Available*

Alfred State College
Five Towns College
New England Institute of Technology
SUNY Canton
SUNY Delhi

*College credits may be earned by meeting the criteria of articulation agreements (see listing in Handbook) Tech has established with SELECT colleges. In addition, check directly with the post-secondary institutions for any additional credits they may offer.

Academic Credits integrated:

Tech Math, Tech Phys Sci, Eng. 12, Art, CFM, Comp App

CTE Endorsement

Students must successfully meet the academic and attendance criteria for a two-year Wilson Tech Certificate of Completion, be High School diploma eligible, and pass the following exam: National Center for Construction and Education Research (NCCER) Carpentry Exam.

Student Supplies

Additional supplies will need to be purchased for this program.

Average Annual Wage

Salaries are subject to market fluctuations.

For the most current updates on local & national wages go to job search engines on the internet and www.careerzone.ny.gov

Course Outline

- Shop and Field Safety Procedure
- Basic Hand Tools: Care and Maintenance
- Power Tools: Care and Maintenance
- Interpretation of Blueprints and Drawings
- Green Technology
- Skills in Accurate Workmanship
- House Framing
- Roofing
- Sheetrock/Spackle
- Siding
- Stairs
- Railing
- Flooring
- Cabinet Assembly & Installation
- Moldings
- Door Installation
- Suspended Ceilings
- Metal framing
- Interior Finish
- OSHA 30