State-Approved (Chapter 74)
Program Overview

Carpentry

Carpenters build beautiful structures that last for centuries and have one of the highest job satisfaction rates of any career in the construction industry.

What Students Learn & Do

Carpenters work with wood and with concrete forms, in residential, commercial, and industrial construction projects. Students begin their training at school, learning to use hand tools for basic woodworking, progressing to portable hand tools used for working with roofing materials and trims. As they progress, they master the use of large equipment such as table saws and learn the fundamentals of computer assisted design.

Direct experience at work sites beyond the school building is an important component of Carpentry training. Specific opportunities will vary but might include interior remodeling, replacement of roofing, windows or siding; or building renovations. Safety standards are taught and reinforced at every stage of students' progress. Carpentry students are required to meet the same high academic standards as their peers in other high school programs. These standards are set by the State of Massachusetts. In addition, principles of math and engineering are reinforced through planning, designing and carrying out projects.

Licenses & Certifications

Programs will prepare students to earn industry-recognized credentials, and typically students will be able to complete one or more before they graduate from high school. Examples:

- OSHA 10 hour - Construction
- OSHA 30 hour - Construction
- Powder Actuated Certification
- United Brotherhood of Carpenters and Joiners of America Union

Options After High School

Here are some career options that may be available for graduates of Carpentry programs.

High School Diploma	Apprenticeship (Learning through paid work)	Bachelor's Degree (4 Years of College)
• Construction Laborer • Dry Waller • Roofer	• Carpenter	• Civil Engineer • Building Construction Project Manager • Construction Estimator

Questions to ask a program you are considering

1. **What workplace experiences do you offer to students?**
2. **What are some common next steps for graduates of this program and how do you support them to get there?**

Learn about the differences between State-Approved and Local programs
http://www.doe.mass.edu/ccte/cvte/cte-families/state-vs-local.html

MASSACHUSETTS DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

FEDERATION FOR CHILDREN WITH SPECIAL NEEDS