



Business & Industry Endorsement Architecture & Construction

Carpentry

The Carpentry program of study explores the occupations and educational opportunities related to constructing, installing, or repairing structures and fixtures made of wood, such as concrete forms (including frameworks, partitions, joists, studding, rafters, and stairways). This program of study may also include exploration into installing, dismantling, or moving machinery and heavy equipment according to layout plans, blueprints, or other drawings.

Levels	Courses
Level 1	Principles of Construction 9 <i>+NCCER Core Curriculum</i>
Level 2	Construction Technology I 10-11
Level 3	Construction Technology II 11-12 <i>Prerequisite: Construction Technology I</i> <i>+NCCER Carpentry, Level 1 & 2</i>
Level 4	Practicum in Construction Technology 11-12 <i>Prerequisite: Construction Technology II, Building Maintenance Technology II, Electrical Technology II, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II, Heating, Plumbing Technology I, or Mill and Cabinetmaking Technology</i>

Occupation	Median Wage	Annual Openings	% Growth
Carpenters	\$35,922	5,031	26%
Cost Estimators	\$63,939	2,239	21%

Industry Based Certifications

+NCCER Core Curriculum

Principles of Construction The NCCER Core is a prerequisite to all other Level 1 craft curriculum. The learning objectives and performance tasks cover topics such as Basic Safety, Communication Skills and Instruction to Construction Drawings.

+NCCER Carpentry, Level 1 & 2

Construction Technology II This certification will ground the trainee in the basic knowledge and principles of carpentry, masonry, concrete finishing, electrical work, HVAC and plumbing. Students will be skilled in different phases of a project from start to finish.

To earn a CTE endorsement, students must take a minimum of 3 classes for 4 or more credits in the same Program of Study, and must end with one Level 3 or Level 4 CTE course.