

CARPENTRY 46.0400.30

Program Description, Industry Credential, Coherent Sequence, and Teacher Certification

PROGRAM DESCRIPTION

The **Carpentry** program prepares individuals to apply technical knowledge and skills to lay out, cut, fabricate, erect, install, and repair wooden structures and fixtures, using hand and power tools. The **Carpentry** program includes instruction in technical mathematics, framing, construction materials and selection, job estimating, blueprint reading, foundations and roughing-in, finish carpentry techniques, and applicable codes and standards.

The **Carpentry** CTE program is delivered as a coherent sequence of courses designed to offer students knowledge and skills that meet the need of the workplace. The Professional Skills developed by business and industry leaders across Arizona are integrated throughout the program. **Carpentry** students learn how to get along with their team members, to make critical decisions, to solve problems, to develop respect, and to be successful in their chosen occupation. Students also develop leadership, social, civic, and career skills through their participation in the state-recognized Career and Technical Student Organization SkillsUSA.

The **Carpentry** instructional program prepares students for entry-level employment, further training, and/or post-secondary education for these and other occupations: Residential Building Construction, Building Finishing Contractor, Foundation Contractor, Structure Contractor, Building Exterior Contractor, Nonresidential Building Construction, Building Equipment Contractor, Specialty Trade Contractors, Highway, Street, and Bridge Construction, Utility System Construction, Employment Services, and Metal Ore Mining

INDUSTRY CREDENTIALS

The following credentials have been approved for the A-F CCR and are CTED eligible for the **Carpentry** instructional program:

- National Center for Construction Education and Research (NCCER) - Carpentry - Level 1
- National Center for Construction Education and Research (NCCER) - Carpentry - Level 2
- National Center for Construction Education and Research (NCCER) - Core
- OSHA 10 - Construction Industry

The following industry credentials have been approved to meet CTED eligibility for the **Carpentry** instructional program:

- Career Connections Certification - Level 1
- Career Connections Certification - Level 2
- Career Connections Certification - Level 3

COHERENT SEQUENCE

46.0400.12 - Carpentry I, **and**

46.0400.30 - Carpentry II, **and program may elect to add:**

46.0400.35- Carpentry III, **or**

46.0400.39 - Carpentry IV, **or**

46.0400.71 - Carpentry – DCE (Diversified Cooperative Education) **or**

46.0400.76 - Carpentry – Internship **or**

46.0400.81 - Carpentry – Cooperative Education

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TEACHER CERTIFICATION REQUIREMENTS

The instructor must be ADE/CTE certified in one of the following Certificates: PCTIET, SCTIET, or SSCTEIET

Note:

- Carpentry 46.0400.71 may be a part of the sequence and the teacher must hold a Cooperative Education Endorsement (CEN).
- Carpentry 46.0400.76 is not required to have a Cooperative Education Endorsement (CEN).
- Carpentry 46.0400.81 is required to have a Cooperative Education Endorsement (CEN).

CERTIFICATE TYPES

PCTIET	Provisional Career and Technical Education Industrial and Emerging Technologies
SCTIET	Standard Career and Technical Education Industrial and Emerging Technologies
SSCTEIET	Standard Specialized Career and Technical Education Industrial and Emerging Technologies