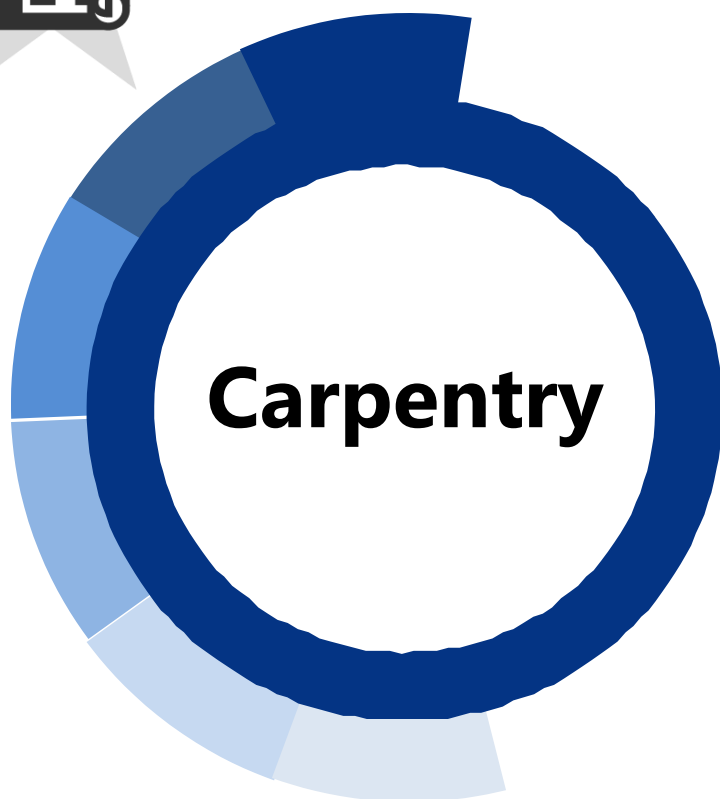


If you choose to work in occupations in the **Carpentry cluster**, you will construct, erect, install, and repair structures and fixtures of wood, plywood, and wallboard, using carpenter's hand tools and power tools..



ALIGNED TO INDUSTRY

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH
Construction Manager	\$95,260	4,000	8%
Electrician	\$56,180	6,000	8%
Plumber	\$55,160	2,000	4%
Electricians	\$56,180	6,000	8%
HVAC Tech	\$36,000	8,000	5%

APPROVED COURSES

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Carpentry Core
 Fundamentals of Carpentry
 Introduction to Engineering Design

P
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E
P
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Y

Carpentry 1
 Carpentry 2
 Drafting

WORK-BASED LEARNING AND EXTENDED LEARNING OPPORTUNITIES

Work Experience Opportunities

CTE students in many cases can pursue what is called a "work-based learning" opportunity or an internship involving a job outside of school. "Work-based learning" experiences are always paid, and students can also earn high school credit. Internships are typically paid, but students do not earn academic credit. Individual schools and CTE teachers work with local employers to arrange these opportunities for their students, so your local CTE or career office is the best source of information for what your own school offers.

Career and Technical Student Organization

Career and technical student organizations are much more than clubs. They provide opportunities for hands-on learning, and for applying career, leadership and personal skills in real-world environments. Participants build their skills by developing projects, attending events, and competing regionally and nationally. The student organization for Carpentry is SkillsUSA.

Career Pathways within the **Carpentry** cluster include:

Design and Pre-Construction- focuses on planning a construction project before the actual construction begins.

Construction- focuses on the process of building structures

Maintenance and Operations- focuses on the maintenance and repair of buildings and facilities

PROGRAM PATHWAYS

	Carpentry	Sending Schools	
Year 1	Carpentry Core	Carpentry Core/Introduction to Engineering Design	Carpentry 1
Year 2	Fundamentals of Carpentry	Fundamentals of Carpentry/Drafting	Carpentry 2
Year 3	Carpentry 1		
Year 4	Carpentry 2		

Suggested sequence of courses only, courses can be taken in a different order pending instructor approval.

POSTSECONDARY OPTIONS

CREDENTIALS		HIGHER EDUCATION			
HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL	SCHOOLS WITH THESE PROGRAMS
OSHA 10	OSHA 10	Construction Technology			Pittsburg State, Oklahoma State
Forklift	Forklift	Construction Management			Missouri State, Pittsburgh State, University of Missouri, Missouri S&T, University of Arkansas
	Construction Technology	Construction Technology			Crowder College, Ozark Technical Community College
		Construction Management			NEO A&M