



CARPENTRY

Career Cluster: Architecture and Construction

Endorsement: Business & Industry

High School Course Sequence:

Level One

Principles of Construction, or
Principles of Architecture

Level Two

Construction Technology I (KCC)

Level Three*

Construction Technology II (KCC)

Level Four*

Practicum in Construction Technology (KCC)

** Indicates advanced course(s)*

A CTE Completer is a student who completes three or more CTE courses for four or more credits including one Level 3 or 4 (advanced level) CTE course within a program of study will fulfill the requirements of a Business and Industry Endorsement.

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.

CAREER OUTLOOK**

Occupation	Texas Outlook			National Outlook		
	Median Wage	Annual Openings	Growth	Median Wage	Annual Openings	Growth
Carpenter	\$40,270	6,260	18%	\$48,330	116,300	8%
Cost Estimator	\$67,790	2,100	19%	\$65,250	24,200	9%
Construction Managers	\$90,310	3,830	18%	\$95,260	40,200	10%

** Career Outlook information derived from O*NET Online at <https://www.onetonline.org/>

INDUSTRY CERTIFICATIONS & EDUCATION

Industry Certification Offered at the KISD Career Center	Certification/ License	Associate's Degree	Bachelor's Degree	Master's/ Doctoral/ Professional Degree
NCCER Core; NCCER Carpentry Level I & II	Certified Lead Carpenter	Carpenter	Construction Science	Construction Management

HIGH SCHOOL COURSE INFORMATION

Course Name	Service ID	Prerequisite(s)	Grade(s)
Principles of Construction	13004220 (1 Credit)	None	9-12
Principles of Architecture	13004210 (1 credit)	None	9-12
Construction Technology I	13004210 (2 Credits)	None	10-12
Construction Technology II	13005200 (2 Credits)	Construction Technology I	11-12
Practicum in Construction Technology	13005250 (2 Credits)	Construction Technology II	12

CAREER EXPLORATION & WORK - BASED LEARNING OPPORTUNITIES

Possible Career Exploration Activities	Possible Work-Based Learning Opportunities
<ul style="list-style-type: none"> Job Shadowing with a Carpenter Participate in SkillsUSA (CTSO) 	<ul style="list-style-type: none"> Obtain NCCER certification in Carpentry Level 1 <p><i>Note: If you have an internship during high school, talk with your counselor about taking Career Prep.</i></p>

FIND COLLEGES & UNIVERSITIES OFFERING CERTIFICATES & DEGREE PLANS IN THIS FIELD



NAVIANCE ACCESS

All Killeen ISD students (7th-12th graders) should login to their Naviance account through Clever:

- Go to your Clever portal:
<https://clever.com/in/killeenisd>



- Username: school username
Password: school password
- Click on: Naviance



ARMED FORCES CAREER INFORMATION

Carpentry and Masonry Specialist – U.S. Army

Builder – U.S. Navy

Engineering Specialist – U.S. Air Force

Construction Electrician – U.S. Navy

Interior Electrician – U.S. Army

Bridge Crew Member – U.S. Army

Structural Specialist – U.S. Air Force

This is not a comprehensive list.

Local Armed Forces Recruiter Contact Information:

Air Force – (254) 247-8992

Army – (254) 690-8554

Army National Guard – (903) 262-6355

Marines – (254) 690-2626

Navy – (254) 690-2096

*See your school counselor to connect with a military recruiter for career counseling and to take the ASVAB in high school.