



High School Course Sequence:

Level One

Principles of Architecture

Level Two

Architectural Design I (KCC)

Level Three*

Architectural Design II (KCC)

Level Four*

Practicum in Architectural Design (KCC)

** Indicates advanced course(s)*

ARCHITECTURAL DESIGN

Career Cluster: Architecture & Construction

Endorsement: Business & Industry

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 Architectural Design program of study explores the occupations and education associated with developing, engineering, and designing building structures and facilities. This program of study may also include exploration into collecting and interpreting geographic information, researching, and preparing maps and interior design.

CAREER OUTLOOK**

Occupation	Texas Outlook			National Outlook		
	Median Wage	Annual Openings	Growth	Median Wage	Annual Openings	Growth
Architect	\$81,010	940	15%	\$87,050	11,800	10%
Architectural/ Civil Drafters	\$55,510	1,290	20%	\$56,340	10,700	2%
Construction Managers	\$90,310	3,830	18%	\$95,260	40,200	10%
Geographic Information Systems Technician	\$84,060	1,500	16%	\$88,550	35,700	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
Autodesk Certified Professional or User in AutoCAD	Certified Photogrammetric Technologist	Architecture	Architecture	Architecture
Autodesk Certified Professional or User in Autodesk Revit Architecture	National Council Certified Interior Design	Civil Engineering, General	Civil Engineering, General	Civil Engineering, General

HIGH SCHOOL COURSE INFORMATION

Course Name	Service ID	Prerequisite(s)	Grade(s)
Principles of Architecture	13004210 (1 Credit)	None	9-12
Architectural Design I	13004600 (1 Credit)	Algebra I & English I	10-12
Architectural Design II	13004700 (2 Credits)	Architectural Design I & Geometry	11-12
Practicum of Architecture	13004800 (2 Credits)	Architectural Design 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 an Architect, Civil Engineer, or Interior Designer Participate in Skills USA (CTSO) 	<ul style="list-style-type: none"> Intern with an architectural firm, construction company, or civil engineering firm <p>Note: If you have an internship during high school, talk with your counselor about taking Career Prep.</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

<p>Bridge Crewmember – U.S. Army</p> <p>Builder – U.S. Navy</p> <p>Engineering Specialist – U.S. Air Force</p> <p>Engineering Aid – U.S. Navy</p> <p>Geospatial Engineer – U.S. Army</p> <p>Geospatial Intelligence Imagery Analyst – U.S. Army</p> <p>This is not a comprehensive list.</p>	<p>Local Armed Forces Recruiter Contact Information:</p> <p>Air Force – (254) 247-8992</p> <p>Army – (254) 690-8554</p> <p>Army National Guard – (903) 262-6355</p> <p>Marines – (254) 690-2626</p> <p>Navy – (254) 690-2096</p>
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*See your school counselor to connect with a military recruiter for career counseling and to take the ASVAB in high school.