



# ELECTRICAL TECHNOLOGY

**Career Cluster:** Architecture and Construction

**Endorsement:** Business & Industry

## High School Course Sequence:

### Level One

Principles of Construction, or  
Principles of Architecture

### Level Two

Electrical Technology I (KCC)

### Level Three\*

Electrical 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 Electrical program of study explores the occupations and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. This program of study may also include exploration into installing and repairing telecommunications cable including fiber optics.

## CAREER OUTLOOK\*\*

Occupation	Texas Outlook			National Outlook		
	Median Wage	Annual Openings	Growth	Median Wage	Annual Openings	Growth
Electrician	\$51,120	8,350	17%	\$56,180	94,600	10%
Fire Alarm Installer	\$45,810	1,130	23%	\$48,970	10,500	11%
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 Electrical Level I & II	Journeyman Electrician, Master Electrician	Craftsman Trades	Construction Science	Electrical Engineer

# 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
Electrical Technology I	13005600 (1 Credit)	None	10-12
Electrical Technology II	13005700 (2 Credits)	Electrical Technology I	11-12
Practicum in Construction Technology	13005250 (2 Credits)	Electrical Technology II	12

## CAREER EXPLORATION & WORK - BASED LEARNING OPPORTUNITIES

Possible Career Exploration Activities	Possible Work-Based Learning Opportunities
<ul style="list-style-type: none"> <li>Job Shadowing with an Electrician</li> <li>Participate in SkillsUSA (CTSO)</li> </ul>	<ul style="list-style-type: none"> <li>Obtain NCCER certification in Electrical Level 1</li> </ul> <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

Log into Naviance and use the College SuperMatch Tool to find colleges offering 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** – United States Army

**Structural Specialist** – United States 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.