



Engineering & Architecture

This sector prepares students for training, advanced educational opportunities, and direct entry to careers in Engineering and Architecture. **The three pathways in Kern are:**

- Architectural Design
- Engineering Technology
- Engineering Design

California Future Forecast: New Jobs Annually 52,510

Average Wage: \$ 93,771

Career	Certificate	2-Year	4-Year+	Pay
Robotics Technician	✓	✓		\$66,820
Architectural Drafters		✓	✓	\$64,080
Automotive Engineering Technicians	✓	✓		\$71,570
Civil Engineering Technicians	✓	✓		\$72,070
Non-Destructive Testing Specialist	✓			\$72,700
Surveyors	✓	✓	✓	\$97,650
Landscape Architects		✓	✓	\$93,090
Urban & Regional Planners		✓	✓	\$95,840
Biomedical Engineers		✓	✓	\$106,700
Fire Prevention & Protection Engineers		✓	✓	\$119,390

See the back for schools with these pathways.



Schools with Engineering & Architecture Pathways in Kern County

Architectural Design

CAD designer, structural inspection and design, city planner

Arvin High School
Career Tech Ed Center
Centennial High School
East Bakersfield High School
Foothill High School
Mira Monte High School
North High School
Robert Kennedy High School
South High School

Engineering Design

Drafting, designer, project planner and architect

Bakersfield High School
Centennial High School
Frontier High School
Golden Valley High School
Highland High School
Kern Valley High
Liberty High School
Mira Monte High School
North High School
Shafter High School
South High School
Stockdale High School
Tehachapi High School
West High School

Engineering Technology

Surveyor, design analyst, field support, operations engineer

Burroughs High School
Career Tech Ed Center
Robert Kennedy High School

#IHAVEAPLAN



Kern Education Pledge signatories consists of all 46 public school districts in Kern County, the Kern County Superintendent of Schools, CSU Bakersfield, the Kern Community College District, Taft College, Charters, and community partners.