# Inland Empire/Desert

Meta Major **ENGINEERING, CONSTRUCTION, TRANSPORTATION & MANUFACTURING**

WestEd
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For more information on this resource, contact postsecondarypathways@WestEd.org

## High Impact Skills

### COMMON SKILLS

- Communication
- Management
- Customer Service
- Troubleshooting
- Detail oriented
- Leadership

### HARD SKILLS

- Mechanics
- Subcontracting
- Construction Management
- Quality Control
- Automotive Systems & Services

## Education Pathways

AVG. UNITS REQUIRED

### Certificate (6–18 Units)

- Architectural Technology
- Automotive Technology
- Blueprint Reading
- Building Energy Consultant
- Diesel Technology
- Flight Operations
- Welding Technology

### Associate Degree/Associate Degree for Transfer*(60 Units)

- Advanced Transportation Technologies
- Architecture
- Automotive Technology
- Construction Management
- Computer Numerical Control - CAD & CAM
- Engineering
- Flight Operations and Management
- Industrial Maintenance Mechanic

### Bachelor Degree (120+Units)

- Architecture
- Electrical Engineering
- Material Science + Engineering
- Mechanical Engineering

## Top Occupations

AVG. STARTING ANNUAL SALARY

### Middle Skills Jobs

- Construction Supervisor *$39,000*
- Aircraft Assembler *$33,000*
- Metal / Plastics Layout Worker *$24,000*
- Machinist *$22,000*
- Industrial Tool Operator *$22,000*
- Metal Worker *$21,000*

### Associate Degree Jobs

- Avionics Technician *$48,000*
- Aircraft Mechanics and Service Technician *$35,000*
- Electrical Engineering Technician *$35,000*
- Architectural Drafter *$25,000*
- Automotive Service Technician *$22,000*

### Bachelor Degree & Beyond Jobs

- Petroleum Engineer *$94,000*
- Materials Engineer *$84,000*
- Civil Engineer *$65,000*
- Occupational Health and Safety Technician *$49,000*
- Construction Manager *$42,000*

Source/s: American Community Survey, California Community College Chancellor's Office LaunchBoard CC Pipeline, Emsi. All data pulled spring 2020