



# South Central Coast

Meta Major

ENGINEERING, CONSTRUCTION, TRANSPORTATION & MANUFACTURING

>>> For more information on this resource, contact [postsecondarypathways@WestEd.org](mailto:postsecondarypathways@WestEd.org)

## High Impact Skills

### COMMON SKILLS

- Communications
- Management
- Valid Driver's License
- Troubleshooting
- Operations
- Construction
- Detail Oriented
- Customer Service
- Problem Solving
- Leadership

### HARD SKILLS

- Mechanics
- Subcontracting
- Test Equipment
- Construction Management
- Machining
- Lathes
- Automotive Services
- Electronics
- Suspension (Vehicle)
- HVAC
- Quality Control



## Education Pathways



- AVG. UNITS REQUIRED +

### Certificate (6-18 Units)

- Architectural Drafting/Computer Aided Design
- Aircraft Fabrication and Assembly Technician
- Automotive Technology
- Building Inspection
- Construction Technology
- Engineering Technology
- Machining and Manufacturing Technology
- Medium and Heavy Duty Vehicle Repair
- Water Science
- Welding Technology

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

- Advanced Engine Technician
- Air Conditioning and Refrigeration
- Aircraft Fabrication and Assembly Technician
- Architectural Drafting & Technology
- Construction Technology
- Electrical Engineering & Technology
- Mechanical Engineering
- Water Systems Technology

### Bachelor Degree (120+Units)

- Aerospace Engineering
- Architectural Engineering
- Civil Engineering
- Construction Management
- Electrical Engineering
- Industrial Engineering
- Material Science + Engineering
- Mechanical Engineering
- Mechatronics Engineering



## Top Occupations



- AVG. STARTING ANNUAL SALARY +

### Middle Skills Jobs

- Construction Supervisor \$43,000
- Computer-Controlled Machine Programmer \$35,000
- Aircraft Assembler \$29,000
- Industrial Tool Operator \$22,000
- Metal Worker \$20,000

### Associate Degree Jobs

- Aircraft Technician \$42,000
- Avionics Technician \$39,000
- Industrial Engineering Technician \$38,000
- Architectural Drafter \$36,000
- Electrical Engineering Technician \$37,000
- Mechanical Engineering Technician \$33,000
- Automotive Service Technician \$20,000

### Bachelor Degree & Beyond Jobs

- Naval Architecture and Marine Engineer \$98,000
- Civil Engineer \$65,000
- Occupational Health and Safety Technician \$55,000
- Food Scientist/Technologist \$52,000
- Construction Manager \$46,000