Los Angeles/Orange County

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

- 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)

- Advanced Manufacturing
- Architectural Technology/ Computer Aided Design (CAD)
- Automotive Technology
- Aviation Maintenance
- Carpentry
- Construction Inspection
- CNC Machine Operator
- Electrical Technology
- HVAC & Refrigeration
- Welding Technology

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

- Advanced Manufacturing
- Architecture/CAD
- Automotive Technology
- Aviation Maintenance
- Construction Technology & Management
- Electrical Engineering & Technology
- Water Systems Technology
- Welding Technology

Bachelor Degree (120+Units)

- Architecture
- Construction Engineering & Management
- Civil & Environmental Engineering
- Electrical Engineering
- Manufacturing Systems Engineering
- Industrial Engineering
- Material Science & Engineering
- Mechanical & Aerospace Engineering

Top Occupations

AVG. STARTING ANNUAL SALARY

Middle Skills Jobs

- Construction Supervisor *$42,000*
- Computer-controlled machine tool programmer *$34,000*
- Aircraft Assembler *$28,000*
- Metal Worker *$20,000*
- Machinist *$22,000*

Associate Degree Jobs

- Civil Engineering Technician *$37,000*
- Aircraft Mechanics and Service Technician *$36,000*
- Industrial Engineering Technician *$36,000*
- Architectural Drafter *$35,000*
- Electrical or Mechanical Engineering Technician *$34,000*

Bachelor Degree & Beyond Jobs

- Aerospace Engineer *$73,000*
- Mechanical Engineer *$62,000*
- Occupational Health and Safety Technician *$53,000*
- Construction Manager *$45,000*

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