



Bay Region

Meta Major

ENGINEERING, CONSTRUCTION, TRANSPORTATION & MANUFACTURING

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

High Impact Skills

• COMMON SKILLS

- Construction
- Communication
- Management
- Valid Driver's License
- Operations
- Leadership
- Scheduling
- Coordinating
- Detail Oriented
- Troubleshooting

• HARD SKILLS

- Construction Management
- Subcontracting
- Quality Control
- Project Management
- Mechanics
- Project Schedule
- Submittals (Construction)
- Budgeting
- Procurement
- HVAC



Education Pathways



- AVG. UNITS REQUIRED +

Certificate (6-18 Units)

- Advanced Automotive Technology
- Advanced Carpentry
- CNC
- Construction Management
- Diesel Mechanics
- Machine Tool Technology
- Welding Technology

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

- Advanced Engine Performance Technology
- Advanced Manufacturing Technology
- Airframe Maintenance Technician
- Architecture
- Aviation Maintenance Technology
- Construction Management
- Electrical Engineering
- Industrial Maintenance

Bachelor Degree (120+Units)

- Architecture
- Civil Engineering
- Electrical Engineering
- Engineering
- Industrial Engineering & Operations Research
- Material Science & Engineering
- Mechanical Engineering



Top Occupations



- AVG. STARTING ANNUAL SALARY +

Middle Skills Jobs

- Construction Supervisor \$50,000
- Computer-Controlled Machine Programmer \$46,000
- Aircraft Assembler \$44,000
- Industrial Tool Operator \$23,000
- Machinist \$22,000
- Metal Worker \$22,000

Associate Degree Jobs

- Avionics Technician \$54,000
- Aircraft Mechanics and Service Technician \$46,000
- Architectural Drafter \$43,000
- Electrical Engineering Technician \$38,000
- Mechanical Engineering Technician \$34,000
- Automotive Service Technician \$28,000

Bachelor Degree & Beyond Jobs

- Electrical Engineer \$92,000
- Mechanical Engineer \$73,000
- Occupational Health and Safety Technician \$60,000
- Construction Manager \$53,000