



What Can I Do with This Major?

Engineering

The Engineering Program offers three distinct pathways that include: Mechanical/Aerospace Engineering, Electrical Engineering, and Computer Engineering. Through these pathways, students will complete lower division engineering coursework needed to transfer to any CSU, UC, as well as many other in-state or out-of-state universities, to complete a bachelor's degree in an Engineering discipline.

AVC Certificates & Degrees

- Computer Engineering associate degree
- Electrical Engineering associate degree
- Engineering Fundamentals certificate
- Mechanical Engineering associate degree
- Practical 3D Printing certificate (non-credit)
- Practical Microcontrollers certificate (non-credit)
- Practical Robotics certificate (non-credit)

Examples of Work Industries & Employers

Professional, Scientific, Technical Services
Machinery Manufacturers
Research and development

Federal and State Government
Semiconductor and other electronic
component manufacturing

Transportation equipment manufacturing
Computer and electronic manufacturing
Aerospace manufacturing

Possible Job Titles *may require a bachelor's degree or higher*

Engineering Technician
Automotive engineer
Mechanical engineer
Petroleum engineer

Computer engineer
Aerospace engineer
Electrical engineer

Civil engineer
Nuclear engineer
Biomedical engineer