What can I do with a major in...

MECHANICAL ENGINEERING

Mechanical Engineers research, design, develop, build, and test mechanical and thermal sensors and devices, including tools, engines, and machines.

INDUSTRIES:
Engineering Services, Machinery Manufacturing, Computer and Electronic Product Manufacturing, Aerospace Product and Parts Manufacturing

Common Job Titles
Analyst
Mechanical Engineer
Product Engineer

Salary
$62,527
ENTRY LEVEL
$82,470
MEDIAN ANNUAL

1.5% UNEMPLOYMENT

Tools
Flowmeters
Machine Mounts or Vibration Isolators
Semiconductor Process Systems
Signal Generators
Voltage Comparator
Integrated Circuits

Popular Employers
URS Co.
HDR Inc.
AECOM Technology Co.
US Army Corps of Engineers

Technology
Analytical/Scientific Software
Computer Aided Design Software
Graphics or Photo Imaging Software
Development Environmental Software

Work Styles
Analytical Thinking
Attention to Detail
Dependability
Initiative
Leadership
Adaptability
Innovation

Related Occupations
Logistics Engineer
Aerospace Engineer
Electrical Engineer
Product Safety Engineer
Industrial Engineer
Validation Engineer
Technical Engineers:

- Read and interpret blueprints, technical drawings, schematics, or computer-generated reports
- Research, design, evaluate, install, operate, or maintain mechanical products, equipment, systems or processes to meet requirements
- Confer with engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information.
- Develop, coordinate, or monitor all aspects of production, including selection of manufacturing methods, fabrication, or operation of product designs

Advice from the Pros

Think about a Businessman/woman

Engineering firms are looking to hire engineers who think like business-people. They want engineers who have been involved with strategy and planning and know their way around a balance sheet and income statements.

Find an Internship.

Internships will give you first-hand experience in a particular discipline and can also help your job application rise to the top.

Research.

Checking on what a company may need in coursework prior to finishing your program of study would help, so that there are no gaps in your knowledge.

Make Connections.

It's important for engineers to network and build relationships when attending professional events. Good networking opportunities are events put on by organizations like the American Society of Mechanical Engineers.

Want more information? Go online to ONET/Occupational Outlook Handbook/U.S. News