

## Career Information for Mechanical Engineering

A College of Science & Engineering major

### General Overview Information

Mechanical engineering programs prepare people to design and improve tools and machines. Students learn to use math and science to evaluate and test machines and systems used in production. Mechanical Engineers are concerned with imagining and implementing programs and devices that improve our world and our movement in it. Designing endeavors are very diverse, from tiny measuring instruments to huge aircraft carriers or power plants.

### Do You Have These Characteristics?

Above Average Mathematical Skills · Mechanical Aptitude · Creativity · Inquisitive Mind  
Ability to see Abstract Details in Drawings and Objects · Ability to Work as a Team

### Salary Information Can Be Found At:

[www.bls.gov/bls/blswage.htm](http://www.bls.gov/bls/blswage.htm)

[www.iseek.org](http://www.iseek.org)

[www.stcloudstate.edu/careerservices](http://www.stcloudstate.edu/careerservices)

### What Can You Do?

- Mechanical Engineer
- Research & Development Engineer
- Professor
- Product Design Engineer
- Environmental Engineer
- Nuclear Engineer
- Railway Engineer
- Consultant
- Process Design Engineer
- Structural Design

### Where Can You Work?

- Universities & Colleges
- Manufacturing Companies
- Consulting Engineering Firms
- Construction Companies
- Utility Companies
- Government Agencies
- Oil Industry
- Heating & Air Conditioning Companies
- Automobile Plants
- Space Craft/Airplane Design Companies
- Power Plants
- Self-Employed
- ....and MORE!

### Resources

- SCSU Mechanical Engineering – [www.stcloudstate.edu/mme](http://www.stcloudstate.edu/mme)
  - Occupational Outlook Handbook – <http://www.bls.gov/oco/ocos027.htm>
  - American Society of Mechanical Engineers – [www.asme.org](http://www.asme.org)
  - American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc. – [www.ashrae.org](http://www.ashrae.org)
  - Sloan Career Cornerstone Center – [www.careercornerstone.org](http://www.careercornerstone.org)
  - *A/E/C Employers*
  - *Career Opportunities in Engineering*
  - *Careers for Scientific Types and Others with Inquiring Minds*
  - *Careers in Renewable Energy*
  - *Expert Resumes for Engineers*
  - *Great Jobs for Engineering Majors*
  - *Handbook of Scientific & Technical Careers*
  - *Minnesota Business Directory*
  - *National Trade and Professional Associations*
- (Books are available at SCSU Career Services Center)