

## Mechanical Engineering

<http://www.wmich.edu/mae/programs.php>

## Resources for Career Guidance and Exploration

### Major Skills:

- Mathematics & Science
- Reading Comprehension
- Complex Problem Solving
- Active Listening & Learning
- Judgement & Decision Making
- Time Management
- Public Speaking
- Critical Thinking
- Writing

### Mechanical Engineers assist in the planning and design of:

- Tools
- Machines
- Engines
- Centralized heat
- Water
- Instruments
- Gas
- Steam systems
- Controls

Mechanical Engineers oversee the installation, operation, maintenance, and repair of equipment such as:

### All-Purpose Career Resources:

[BroncoJOBS.wmich.edu](http://BroncoJOBS.wmich.edu)

**V**AULT

(Accessible Through Go WMU)

[careerbuilder.com](http://careerbuilder.com)

[CareerJournal.com](http://CareerJournal.com)

[College Grad.com](http://CollegeGrad.com)

[USAJOBS](http://USAJOBS.gov)  
WORKING FOR AMERICA

[Perfect INTERVIEW](http://PerfectInterview.com)



Federal Internship Directory  
Student Loan Repayment Program  
[www.makingthedifference.org](http://www.makingthedifference.org)



### Relevant Student Organizations:

#### Pi Tau Sigma

<http://www.pitautsigma.net/>

#### American Society of Mechanical Engineers

<http://www.asme.org/>

#### Society of Women Engineers

<http://www.swe.org/>

#### Tau Beta Pi

<http://www.rso.wmich.edu/taubetapi/>

#### Theta Tau-Pi Beta Chapter

<http://www.wmuthetatau.com/Home.html>

#### National Society of Black Engineers

<http://www.rso.wmich.edu/nsbe/>



# Linking Majors to Occupations

## Companies Hiring Mechanical Engineering Majors:

- Lockheed Martin
- Dana Corp
- Motorola
- Oldcast Precast
- Giffles America Inc.
- Mann+Hummel
- Borisch Manufacturing Corp.
- Honda R&D Americas
- Nalco
- The Boeing Company
- American Axle & Manufacturing
- FEMA Corp.
- Gentex Corporation
- Humphrey Products
- Innotec
- NASA

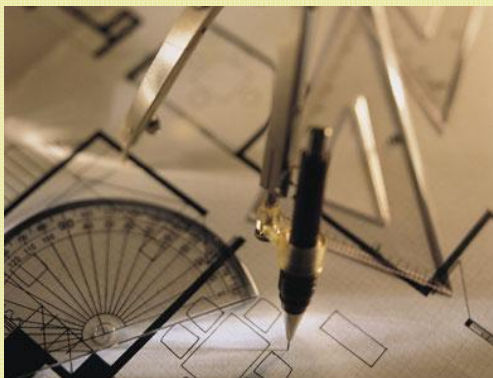


## Federal Government Agencies hiring Mechanical Engineers

- Department of Defense
- National Aeronautics and Space Administration
- Department of Health & Human Services

## Major Specific Career Resources:

- Mechanical Engineer: <http://www.mechanicalengineer.com/>
- ASME: <http://www.asme.org/Jobs/>
- Engineer Jobs: [http://www.engineerjobs.com/Mechanical\\_jobs.html](http://www.engineerjobs.com/Mechanical_jobs.html)
- Engineering Central: <http://www.engcen.com/mechanical.asp>



## Employers of Mechanical Engineering Graduates:

- Private Industry
- Construction Firms
- Research Firms
- Testing Laboratories
- International Organizations

## For Further Information:

- O-NET Dictionary of Occupational Titles: <http://online.onetcenter.org/>
- Occupational Outlook Handbook: <http://www.bls.gov>