

# Careers in Engineering

Check off the areas that interest you to see if Engineering is in your future.

## What they do:

- Design machinery
- Construct buildings
- Construct highways
- Develop new products
- Develop new machinery
- Design and test vehicles or planes



## Typical Requirements:

- Bachelor's Degree (4 years) required
- Earn more with a Master's degree
- Must keep up with continuing education

## Average Earnings:

\$89,000—and up

## Occupational Specialties:

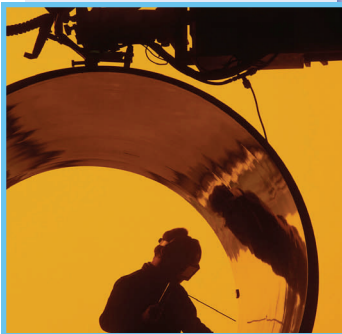
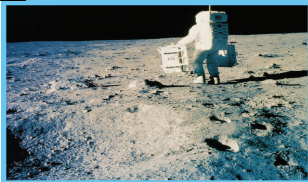
- Aerospace Engineer
- Chemical Engineer
- Biomedical Engineer
- Civil Engineer
- Computer Hardware Engineer
- Electrical Engineer
- Industrial Engineer
- Mechanical Engineer
- Nuclear Engineer
- Petroleum Engineer
- Materials Engineer

## Education Level:

Bachelor's  
 Bachelor's  
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## National Avg Salary/Yr:

\$93,980  
 \$88,760  
 \$81,120  
 \$78,560  
 \$100,180  
 \$85,350  
 \$75,740  
 \$78,200  
 \$99,750  
 \$119,140  
 \$84,200



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## Related School Subjects:

- Math, Algebra I, II, III
- Trigonometry, Calculus
- Physics, Chemistry
- Computers, Technology Skills
- Physical and Social Science
- Drafting, English

## Websites for more Info:

- [www.jets.org](http://www.jets.org)
- [www.abet.org](http://www.abet.org)
- [www.nspe.org](http://www.nspe.org)
- [www.aia-aerospace.org](http://www.aia-aerospace.org)
- [www.aiche.org](http://www.aiche.org)
- [www.acs.org](http://www.acs.org)
- [www.asce.org](http://www.asce.org)
- [www.icrank.com](http://www.icrank.com)

## Related Occupations:

- Engineering Technicians
  - Mathematicians
  - Scientists
  - Science Technicians
- ## Related Interests:
- Building model airplanes
  - Designing with computers
  - Creating or producing items
  - Designing highways or buildings
  - Fixing machinery
  - Conducting research
  - Performing laboratory studies
  - Conducting experiments
  - Designing simple machines