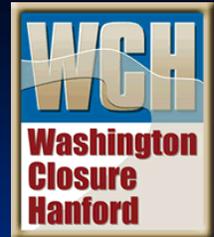




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National Engineers Week 2008

Engineers use imagination, judgment, and reasoning to apply science, technology, mathematics, and practical experience.

The result is the design, production, and operation of useful objects or processes.

Four Main Branches of Engineering

- Chemical
- Civil
- Electrical
- Mechanical

Other Types of Engineering

- Aerospace
- Agricultural
- Architectural
- Biomedical
- Computer
- Construction
- Electronics
- Environmental
- Industrial
- Manufacturing
- Mining
- Metallurgical
- Nuclear
- Petroleum
- Structural
- Traffic

Engineering Salaries

■ Aerospace	\$57,936	■ Mechanical	\$59,212
■ Chemical	\$61,455	■ Nuclear	\$63,413
■ Civil	\$54,295	■ Network	\$57,507
■ Electrical	\$58,494	■ Software	\$57,241

Data based on midpoint salary for engineers with 0-2 years experience (Source: salary.com)

How Do I Become an Engineer?

- **Have interest and knowledge in math and science**
- **Take preparatory classes in high school**
- **Complete an internship with a mentor to explore your interest further**
- **Go to college and get your degree**

Preparatory Classes

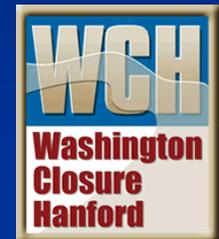
- Algebra
- Geometry
- Trigonometry
- Calculus
- Physics
- Computer Science
- Drafting
- Chemistry
- Biology
- English



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