

ENGINEERING & DESIGN

Do you enjoy math and science? Do you like solving problems? Do you enjoy designing and building things?

Look around you...

Almost everything you can see was designed by engineers or designers before being constructed. High-rise buildings, bridges and space ships require the expertise of architects, engineers and designers. If you're interested in being part of something like designing a condo on the beach, or a ship, airplane or electronic device, consider a career in engineering or design.

What It Takes:

- Strong math, science and communication skills
- Focus and attention to detail
- Being organized
- Interested in solving problems
- Enjoy working on a team

Check Out This Cool Career...

Civil Engineer

Working in one of the largest branches of engineering, civil engineers deal with buildings, bridges, dams, roads and other structures. They plan, design, and supervise the construction of facilities such as high-rise buildings, airports, water treatment centers and sanitation plants. In the near future, civil engineers will design the special rail beds for the magnetic levitation trains of tomorrow.

High-Wage, High-Demand Careers in Engineering & Design

Occupation:

Architect
Landscape Architect
Chemical Engineer
Civil Engineer
Structural Engineer
Electrical Engineer
Mechanical Engineer
Professional Surveyor
Interior Design Architect
Junior Designer
Senior Designer
Art Director
In-House Creative Director
Agency Creative Director
Drafter/Designer
Survey Tech
Construction/Inspection
User Experience Designer
Self Employed Designer
Design Firm Owner/Principal/Partner

Education Required:

Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Bachelor's Degree
Associates Degree/Bachelor's Degree
Associates Degree/Bachelor's Degree
Associates Degree/Bachelor's Degree
Associates Degree/Bachelor's Degree
Associates Degree/Bachelor's Degree
OJT/Community College
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Average Annual Salary:

\$56,000 – \$144,000
\$42,000 – \$107,000
\$73,000 – \$178,000
\$51,000 – \$133,000
\$51,000 – \$133,000
\$61,000 – \$156,000
\$64,000 – \$143,000
\$31,000 – \$88,000
\$20,000 – \$79,000
\$40,000
\$62,500
\$67,500
\$70,000
\$100,000
\$34,000 – \$63,000
\$25,000 – \$75,000
\$34,000 – \$72,000
\$80,000
\$60,000
\$120,000

*OJT = On-the-Job Training

Career Paths in Engineering & Design

