

ENGINEERING



Jobs in the Engineering field involve planning, managing and providing scientific research and professional and technical services.

Is being accurate and precise important to you? ?

Are you interested in designing experiments? ?

Do you like problem solving? ?

Do you like working with computers? ?

Are you good at building things from scratch? ?



CAREERS IN Engineering

1. Surveyor
2. Mechanical Engineer
3. Industrial Engineer
4. Project Management Specialist

5. Software Developer
6. General and Operations Manager
7. Accountants and Auditor

8. Mechanical Drafter
9. Environmental Scientist and Specialist
10. Architectural and Engineering Manager

CAREER SNAPSHOTS

Operating Engineers and Other Construction Equipment Operators

Operate one or several types of power construction equipment, such as motor graders, bulldozers, and tractors.

Regional Salary - \$46,100

Educational Level - High School Diploma

Daily Tasks

- Learn and follow safety regulations.
- Operate equipment or vehicles to clear construction sites or move materials.
- Monitor construction operations.

Required Skills

- Monitoring
- Active Listening
- Troubleshooting

Electrical Engineers

Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems.

Regional Salary - \$101,400

Educational Level - Bachelor's Degree

Daily Tasks

- Oversee project production efforts.
- Design or improve electrical equipment.
- Prepare technical drawings, specifications of electrical systems, or maps.

Required Skills

- Communication
- Teamwork
- Problem Solving

Civil Engineering Technologists and Technicians

Use civil engineering principles in planning, designing, and overseeing construction and maintenance of structures.

Regional Salary - \$53,600

Educational Level - Associate's Degree

Daily Tasks

- Read and review project blueprints and structural specifications.
- Draft detailed dimensional drawings and design layouts
- Calculate dimensions, square footage, profile and component specifications, and material quantities.

Required Skills

- Critical Thinking
- Active Listening
- Reading Comprehension



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