

# Science, Technology, Engineering, and Mathematics

Jobs in the Science, Technology, Engineering, and Mathematics field focus on research, development, and innovation.

Are you good at building things from scratch?

Do you read science magazines?

Do you like going to museums?

Are you interested in experiments or animals?

Is being accurate and precise important to you?



## CAREERS IN

## Science, Technology, Engineering, and Mathematics

1. Chemist
2. Cartographer and Photogrammetrist
3. Physicist
4. Statistician
5. Mathematician
6. Conservation Scientist
7. Microbiologist
8. Remote Sensing Technician
9. Photonics Engineer
10. Astronomer

## CAREER SNAPSHOTS

### Electrical Engineers

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

**Texas Salary** - \$106,255  
**Education Level** - Bachelor's Degree

#### Daily Tasks

- Talk to engineers, customers, or others about existing engineering projects.
- Design or improve electrical equipment.
- Prepare technical drawings, specifications of electrical systems, or topographical maps to make sure that existing standards and customer requirements are met.

#### Employability Skills

- Communication
- Teamwork
- Problem Solving

### Wind Turbine Services Technicians

Inspect, adjust, or repair wind turbines.

**Regional Salary** - \$58,724  
**Education Level** - High School Diploma

#### Daily Tasks

- Troubleshoot or repair mechanical or electrical malfunctions.
- Collect turbine data for testing, research, and analysis.
- Climb wind turbine towers to inspect, maintain, or repair equipment.

#### Employability Skills

- Critical Thinking
- Problem Solving
- Monitoring

### Computer Systems Analysts

Analyze science, engineering, business, and data processing problems to improve computer systems.

**Regional Salary** - \$67,889  
**Education Level** - Bachelor's Degree

#### Daily Tasks

- Help staff and users solve computer related problems.
- Test, maintain, and monitor computer programs and systems.
- Train staff and users to work with computer systems and programs.

#### Employability Skills

- Critical Thinking
- Reading Comprehension
- Decision Making



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SOURCE - Bureau of Labor Statistics, O\*Net, Texas OnCourse, and Texas LMI.