



# CAREERTECHWV SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

## WHAT IS IT?

*Do you enjoy solving problems? Do you like science or math? Science, Technology, Engineering & Mathematics (STEM) is focused on planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.*

## HIGH SCHOOL PROGRAMS OF STUDY:

- ▶ Aerospace Engineering (AC)
- ▶ Energy and Power (AC)
- ▶ Pre-Engineering

## STUDENT CREDENTIALS:

- ▶ American Design and Drafting Association (ADDA)
- ▶ REC Foundation Pre-Engineering and Robotics Industry Certifications

## LEADS TO THESE CAREERS:

- ▶ Chemical Engineer
- ▶ Civil Engineer
- ▶ Environmental Science Technician
- ▶ Petroleum Engineer
- ▶ Robotics Technician
- ▶ Surveying Technician

## JOB OUTLOOK

### Chemical Engineer



#### AVG SALARY

**\$119,250**



#### EDUCATION LEVEL

**Bachelor's Degree**



#### JOB OUTLOOK

**Increasing**

### Environmental Science Technician



#### AVG SALARY

**\$45,150**



#### EDUCATION LEVEL

**One to two years  
post-secondary training**



#### JOB OUTLOOK

**Stable**

### Surveying Technician



#### AVG SALARY

**\$44,640**



#### EDUCATION LEVEL

**High school preferred, plus  
moderate length, on-the-job  
training**



#### JOB OUTLOOK

**Stable**