

## Engineering Technician

**Median hourly earnings:**  
**\$18.42-\$25.94**

**Median annual earnings:**  
**\$38,910-\$54,780**

**Current employment in the DC metro area:**  
**540**

**Predicted growth:**  
**6%, approximately 30 new jobs**

### Occupation Description

Engineering Technicians use science and math to solve problems for manufacturing, sales, construction and maintenance companies. Many of them help engineers and scientists do research. Others work in quality control, inspecting products and processes, conducting tests, or collecting data. In manufacturing, they may assist in product design, development or production. Engineering Technicians require significantly less rigorous mathematical background than an engineer requires. Technicians are essential for keeping up to date on specific technology systems currently in use (ex. computer technicians).

### Education and Training Needed

- Most Common Educational/Training Level: Associate's degree

### Training Providers

#### [Northern Virginia Community College - Alexandria Campus](#)

3001 North Beauregard St.  
Alexandria, VA 22311-5097  
(703) 845-6200

#### [Annandale Campus](#)

8333 Little River Turnpike  
Annandale, VA 22003-3796  
(703) 323-3000

### **Associate's Degree in Applied Science in Engineering Technology**

NVCC's Associate's Degree prepares students for employment in Civil Engineering, Mechanical Engineering, or Drafting technology fields. The degree also prepares individuals to transfer into a baccalaureate degree program in these fields. 67-68 credits are required for the A.A.S. Degree in Engineering Technology.

Tuition:

- In-state: \$95.60/credit
- Out-of-state: \$273.40/credit

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#### [Prince George's Community College](#)

301 Largo Rd.  
Largo, MD 20774-2199  
(301) 336-6000

### **Associate's Degree and Certificate Programs in Engineering Technology**

The PGCC Associate's Degree and Certificate Programs include the study of modern digital and analog electronics, data communications, satellite and ground systems, and computers and networks. Intensive "hands-on" learning integrates the classroom experience with practical implementation of theory. These degree programs are career-orientated and provide a transfer path to higher-level degrees at four-year institutions.

#### Tuition:

- In-county: \$96/credit
- In-state: \$167/credit
- Out-of-state: \$255/credit