

Science, Technology, Engineering & Math (STEM) Cluster



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.

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Electrical and Electronic Engineering Technicians

Electrical and electronic engineering technicians help turn ideas into reality. Assisting engineers or scientists, or working on their own, they use their technical skills to come up with practical solutions to a variety of problems.

If you are interested in using your technical skills to assist engineers, a career as a **electrical and electronics engineering technician** may be for you.

Electrical and electronic engineering technicians use math, science and engineering skills to work on a variety of projects in a wide range of fields. They have less responsibility than engineers and their work is more hands on.

Are You Ready To...?

- Work in a lab
- Travel to plants or construction sites
- Work as part of a team
- Keep up with new technology and equipment
- Work carefully and accurately
- Handle potentially dangerous equipment or chemicals

It Helps To Be...

Someone who likes building things and solving problems. This is a great career if you like discovering how things work and how to make them better.

A Day In The Life...

- Analyze engineering test data, technical data, designs or preliminary specifications
- Calculate engineering specifications
- Calibrate or adjust electronic equipment or instruments to specification

Salary and Opportunity in the Austin-area

Median Hourly Wage: \$33.03

*That comes out to more than
\$68,702 a year.*

**In 2016, we had
2,792 Electrical and Electronic
Engineering Technicians.
By 2026, we'll need 3,209.**

Could you be one of the 417?

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Electrical and Electronic Engineering Technicians

After High School...

In addition to a high school diploma, many employers look for electrical and electronic engineering technicians with an **associate's degree**.



Top 5 Industries for Electrical and Electronics Engineering Technicians

1. Semiconductor and Other Electronic Component Manufacturing
2. Architectural, Engineering and Related Services
3. Electric Power Generation, Transmission and Distribution
4. Navigational, Measuring, Electromedical and Control Instruments Manufacturing
5. Postal Service

For more Career Profiles, visit our website:

[http://www.wfscapitalarea.com/YouthServices/
CareerPlanning.aspx](http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx).

Related College Majors

- Construction Technology
- Drafting and Design Technology
- Electrical Engineering Technology
- Engineering Technology
- GIS Technology
- Nanotechnology
- Robotics Technology
- Surveying

Related Industry Certifications

- Advanced Certified Interconnect Designer
- Associate Certified Electronics Technician
- Broadband Communications Technician
- Calibration Technician
- Certified Control Systems Technician

Related Careers

- Civil Engineers
- Construction Managers
- Drafters
- Electrical Engineers
- Industrial Production Managers
- Science Technicians

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