What Types of Jobs are Available to Graduates?

Applications Engineer, Audio Technician, Avionics Technician, Biomedical Technician, Computer Technican, Engineering Technician, Field Service Technician, Instrumentation Technician, Lighting Technician, Process Control Technician, Product Sales Technician, Repair Technician, Robotics Technician, Systems Integration Engineer, Technical Support Specialist, Telecommunications Technician

Where can I find More information?

Below is a partial list of companies where our graduates are employed. Look up the company websites to get some idea of where our graduates work and what they do. Graduates from Thaddeus Stevens College have excelled and earned the school an outstanding reputation with many companies in the field of Electronics. Presently there are more job offers from companies than there are students to fill those jobs. Go to www.getintoit.org to see specific job descriptions and profiles of our graduates and their careers: where they are, what they do, and how they got there.

Aeronautics / Government / Missile Defense
FBI, Letterkenney Army Depot, Lockheed Martin

Audio / Lighting / Animatronics / Entertainment
ClairShowco (pro audio), Glick Audio and Video
Hershey Park, Longwood Gardens, Neutronics Inc.
Sight and Sound Theater, Tait Towers (pro lighting)

Communications
Morefield Communications, Nextel, One Wireless Word
Quality Communications & Audio, Susquehanna Radio
York, Wireless Microsystems

Computers
Daisy Data, DriveKor, MapQuest

Electronic Parts / Controls / Systems
Agere, Applied Controls, Astro Machine, Bulova
East Penn Manufacturing, Emtrol, ETEMCO
Heat and Control, Herley Industries, Lutron Electronics
Phoenix Contact, Quebecor, Red Lion Controls
Sechan Electronics

Manufacturing
Alcoa, Armstrong Indsutries
CNH America (Hew Holland Machine), DenTech, Kellogs
Kunzler, Mittel Steel (formerly Lukens Steel of Coatesville)
Perkin Elmer, RR Donnelley & Sons Co., Timet
Warner Lambert

Medical
Lancaster General Hospital, Penn Medical Systems

Power Plants
GPU Nuclear, Peach Bottom Electric, PECO Energy

Safe Harbor Electric, TMI

Research and Development
Illuminex, Lawrence Livermore Particle Accelerator Lab

Lucent Technologies, Spallation Neutron Source Project

ThermaCore

Who do I contact?

Professor Bruce Schreiner and Thomas Evans are the instructors in the Electronics Technology Department at Thaddeus Stevens College of Technology. Please feel free to contact them directly via phone or email anytime. You are welcome to set up a visit to the school. We are very proud of our state-of-the-art facilities in the electronics program. We encourage you to sit in on a class, talk with students in the program, ask questions, and get to know us.

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Phone: (717) 299-7699
Fax: (717) 391-1388
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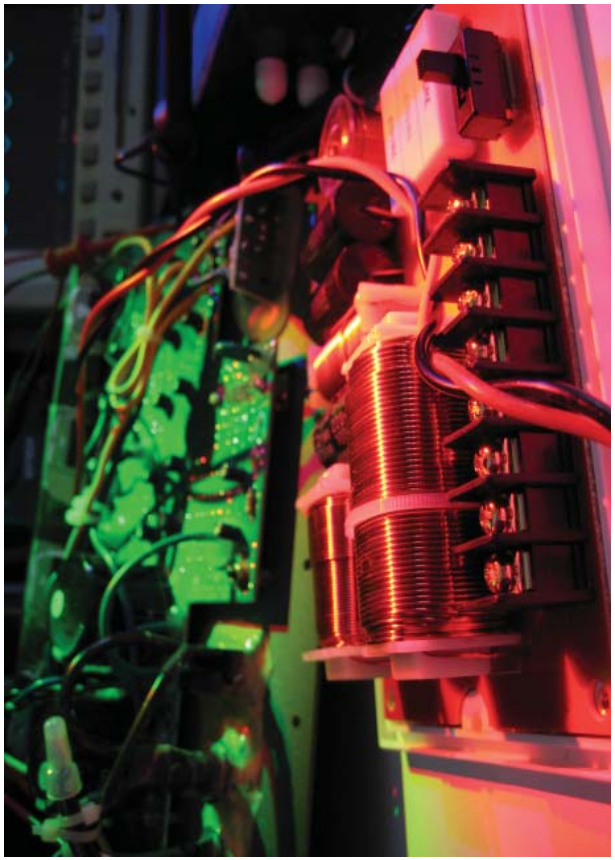
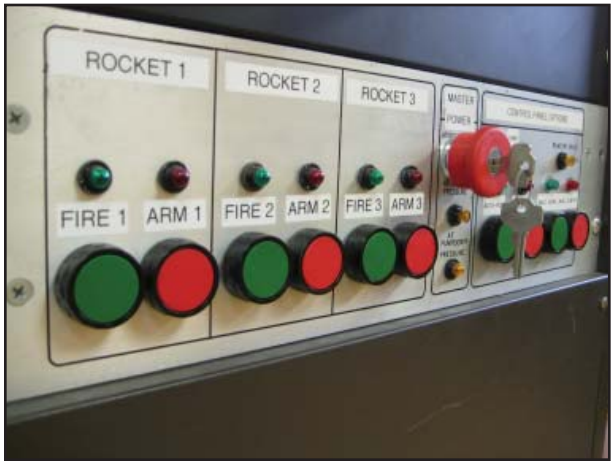
THADDEUS STEVENS COLLEGE OF TECHNOLOGY

ELECTRONICS TECHNOLOGY DEGREE PROGRAM



WWW.STEVENSCOLLEGE.EDU

Thaddeus Stevens College of Technology
750 East King Street • Lancaster, PA 17602



ELECTRONICS

What is Electronics Technology?

It is the design, analysis, and implementation of anything using electronic components. Today's electronic technician may be working behind the scenes at a rock concert, accelerating atoms at a laboratory, or programming robots and control systems at a production facility. Electronic technicians are employed wherever there are electronic systems to be integrated and maintained. In today's world that is practically everywhere: the entertainment industry, the transportation industry, communications, health and medicine, energy, research and development, manufacturing. It is hard to think of a business that does not use electronic technology.

Is Electronics a Good Major for Me?

- Are you curious and detail oriented?
- Do you enjoy labs that require hands-on circuit design and circuit analysis?
- Do you enjoy measuring, analyzing, designing, prototyping, troubleshooting, tuning, installing, wiring, programming, or repairing things?
- Would you like to learn about sensors, amplifiers, automation, robotics, pneumatics, networking, data acquisition, and control?

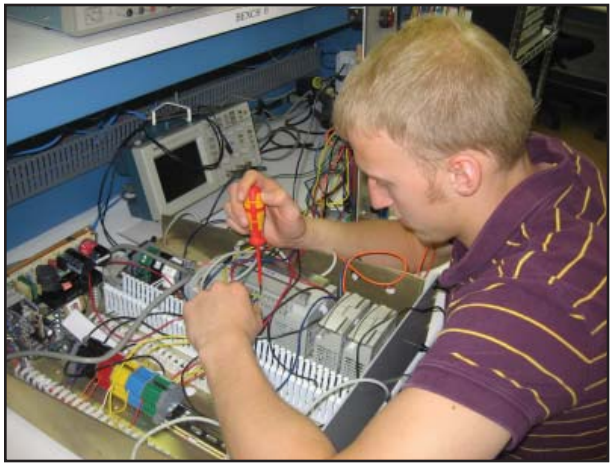
TECHNOLOGY

What Will I Learn About?

- Individual components used in electronic circuits
- Circuit theory
- Common circuits, transducers, and control systems
- How to implement and test components and circuitry

How does an Electronic Technician's Job Differ from Other Careers?

- You will fix and repair problems that you cannot see, using sophisticated test equipment.
- Everyday is a different task and a new challenge.
- You will always be engaged in learning new things.
- You will often be the link between users of complex equipment and the engineers who designed the equipment.
- Technicians have the knowledge and skills to put things together and make them work or take them apart and fix them if they are not working.
- Not many people will understand what you do, but they will rely on you to get it done.
- You will often work independently.



DEGREE

Where do Electronic Technicians Work?

- At amusement parks working with ride controls
- In theaters and the movie business creating animatronic objects and special effects
- At museums and conservatories controlling the environment of displays, and fountains
- In research labs developing new technologies
- In engineering departments prototyping and testing alongside engineers
- With the FBI working on electronic surveillance and other sensitive equipment
- At sound companies and recording studios maintaining, repairing, and installing high end audio equipment
- On rooftops installing solar panels
- On a racing team managing the cars' electronic systems
- At factories and many types of automated production facilities
- All over the country, even around the world, as specialists or field service support technicians doing set up, maintenance, or repair on equipment