



## Electrical Technician Specialized Associates Degree

Do you have an interest in understanding the power behind the devices in your world? The world runs on energy. Electricity keeps the lights shining. It keeps washers and dryers running, cell phones, computers and tablets churning, TVs and video game systems humming. Without electricity, the world would not work. Today, electricity is as vital as the air you breathe.

Electricians bring the electricity you need into your local hospital, manufacturing facilities, home and every other business. They install, maintain, repair and replace the cables, wires and connections that deliver the

power used every second of every day. They help make sure electrical systems are safe and secure. When the power fails due to bad weather, transformer breakdowns or other issues, they move to quickly restore the flow of energy.

Graduates of this program will earn a specialized associate degree.

Classes offered at the following locations:

- Uniontown, PA
- Sharon, PA
- Morgantown, WV
- [contactform@laurel.edu](mailto:contactform@laurel.edu)

Get ready for a career as:

- Construction Electrician
- Maintenance Electrician
- Electrical and Electronics Installer
- Commercial Electrician
- Residential Electrician

[www.laurel.edu](http://www.laurel.edu)

### Typical Program Courses

18 Months

(Courses subject to change)

#### Program Courses

Student Success  
Introduction to Trades  
Blueprint Reading  
Electrical Studies I  
Electrical Studies II  
Introduction to the NEC  
Residential Wiring

Commercial Wiring  
Low Voltage Wiring  
Electrical Motors  
Transformers  
Raceway Systems  
Hazardous Locations  
Cost Estimating  
Industrial Wiring I

Industrial Wiring II  
PLC Programming  
Advanced PLC  
Programming  
Electrical Distribution  
Electrical Troubleshooting  
Industrial Automation

#### Applied General Education\*

Introduction to Computers  
Introduction to the Internet  
Introductory Algebra  
Applied Psychology  
Communications

#### Career Preparation

Career Development

\*Applied General Education courses are subject to change based on ACICS requirements.

Uniontown Campus  
11 East Penn St.  
Uniontown, PA 15401  
724-439-4900

Morgantown Learning Site  
40 Commerce Drive, Ste. 201  
Morgantown, WV 26501  
304-381-2633

Sharon Campus  
200 Sterling Avenue  
Sharon, PA 16146  
724-983-0700

Meadville Campus  
847 North Main Street, Ste. 204  
Meadville, PA 16335  
814-724-0700

Wexford Learning Site  
Wexford Professional Bldg. II,  
11676 Perry Highway, Ste. 2200  
Wexford, PA 15090  
724-799-8882