



Explore a Career as an **ELECTRICIAN**

What do Electricians do?

Electricians employed in manufacturing specialize in electrical wiring of buildings, stationary machines, and related equipment. Electricians generally focus on either construction or maintenance, although many do both. Electricians design lighting systems, install street lights and intercom systems, ensure electrical work is up to code, and repair electrical wiring. Most will specialize in either designing, installing, maintaining and repairing the motors, equipment and electrical systems of businesses and factories, or installing, maintaining and repairing the electrical systems of residences. Electricians read blueprints and technical drawings that show the locations of circuits, outlets, load centers, panel boards, and other equipment and install and connect the wires to circuit breakers, transformers, outlets, or other components and systems. They work indoors and outdoors and often carry heavy equipment.

Training & Educational Opportunities

You will have many opportunities as an electrician once you've completed a certification program, associate degree, and apprenticeship program. Licensing as an electrician will also be required. At the end of the four to five years of training, apprentices can choose to earn the journey worker designation.

As a Electrician you will:

- Advise management on whether continued operation of equipment could be hazardous
- Assemble, install, test, or maintain electrical or electronic wiring, equipment, appliances, apparatus, or fixtures, using hand tools or power tools
- Connect wires to circuit breakers, transformers, or other components
- Construct or fabricate parts, using hand tools, according to specifications
- Diagnose malfunctioning systems, apparatus, or components, using test equipment and hand tools to locate the cause of a breakdown and correct the problem

Electricians are in demand in Livingston County!

Livingston County employment of electricians is expected to increase through the year 2020.

Employment for electricians is expected to grow faster than the average over the next 10 years.

Electrician

Training Providers

The following certified training providers offer programs and certifications to train for a career as an electrician:

- Associated Builders and Contractors
- Heartland Community College
- Illinois Central College
- Illinois Valley Community College
- Joliet Junior College
- Kankakee Community College

Career scholarships may be available if you qualify.



Types of Employers

There are many different types of employers of electricians, including:

- General contractors
- Electrical contracting businesses
- Electrical engineering companies
- Manufacturing companies
- Utility companies

Wages & Openings

Electrician Employment Data for Livingston County

Average Starting Hourly Wage	\$15.85
Average Hourly Wage With Experience	\$45.21
Average Annual Job Openings Livingston County	16
Annual Job Openings Bloomington Peoria Region	163

Opportunities

After you complete your training as an electrician you will have many opportunities for specialization and advancement. Some opportunities include:

- Chief Electrician
- Electrical-Electronic Repairer
- Electro-Mechanical Technician
- Industrial Electrician
- Master Electrician



Livingston Workforce Services
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