



# Explore a Career as an Electrician

## What do Electricians do?

Electricians in the transportation, distribution, and logistics industry install, adjust, or maintain mobile electronics communication equipment, including sound, sonar, security, navigation, and surveillance systems on trains, mass transit, watercraft, or other mobile equipment. They may work on substations and switching stations. They are expected to closely follow manufacturer and company standards. Electricians read blueprints and technical drawings that show the locations of circuits, outlets, load centers, panel boards, and other equipment. They must be trained in many technical areas to be able to install and connect the wires to circuit breakers, transformers, outlets, or other components and systems. They may work outdoors in all types of weather, have to climb to excessive heights, and carry heavy equipment.

## Training & Educational Opportunities

You will have many opportunities as an electrician once you've completed a certification program or associate degree. An apprenticeship will be required as well as licensing. 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 Grundy County!

Grundy 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 Provider

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

- Joliet Junior College

Career scholarships may be available if you qualify.



## Types of Employers

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

- Fulfillment centers
- Manufacturing companies
- Transportation companies
- Utility companies
- Warehouses

## Wages & Openings

### Electrician Employment Data for Grundy County

Average Starting Hourly Wage	\$19.88
Average Hourly Wage With Experience	\$52.54
Average Annual Job Openings Grundy County	14
Average Annual Job Openings Chicago Metro	1,794

## 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



**Grundy Workforce Services**  
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