



# LEARN MORE

ABOUT CAREER AND  
TECHNICAL  
EDUCATION

## INTERESTED?

- Attend our open house
- Register and take the entrance exam
- Complete your 8th-grade year in good standing

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# Electrical & Renewable Energy

Both the electrical and renewable energy industries offer a wide variety of exciting career opportunities. While many electricians work in the construction industry, there are many places to find employment in this field. Companies are always looking to hire skilled workers who can read blueprints and schematics, work with tools in all sorts of environments, and have a willingness to be lifelong learners.

## Primary Credentials

- OSHA 10
- Home Builders Institute
- NCCER
- First Aid

## Projected Job Outlook

Employment of electricians is projected to grow 7 percent from 2021 to 2031, about as fast as the average for all occupations. About 79,900 openings for electricians are projected each year, on average, over the decade.

## Salary Information

The median annual wage for electricians was \$60,040 in May 2021.

## Employability Skills & Knowledge

Problem Solving, Professionalism, Collaboration, Critical Thinking, Communication, Materials and methods, Construction technology-related drawings, Technology specific equipment and basic operational techniques, Quality control, Communications Skills, Writing skills.

## Occupations to this Pathway

- |   |   |
|---|---|
| • Aircraft & Avionics Equipment Mechanics & Technicians | • Heating, Air Conditioning, and Refrigeration Mechanics and Installers |
| • Drafters  | • Line Installers & Repairers   |
| • Electrical & Electronics Engineering Technicians      | • Power Plant Operators, Distributors, and Dispatchers                  |
| • Installers & Repairers                                | • Solar Photovoltaic Installers   |
| • Elevator Installers & Repairers                       |   |