MY NEXT MOVE

Electricians

Also called: Electrician, Industrial Electrician, Inside Wireman, Maintenance Electrician

What they do:
Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

On the job, you would:
- Prepare sketches or follow blueprints to determine the location of wiring or equipment and to ensure conformance to building and safety codes.
- Place conduit, pipes, or tubing, inside designated partitions, walls, or other concealed areas, and pull insulated wires or cables through the conduit to complete circuits between boxes.
- Work from ladders, scaffolds, or roofs to install, maintain, or repair electrical wiring, equipment, or fixtures.

KNOWLEDGE

Engineering and Technology
- building and construction
- mechanical

Business
- management
- customer service

Math and Science
- arithmetic, algebra, geometry, calculus, or statistics

SKILLS

Basic Skills
- listening to others, not interrupting, and asking good questions
- talking to others

Problem Solving
- noticing a problem and figuring out the best way to solve it

People and Technology Systems
- thinking about the pros and cons of different options and picking the best one

- figuring out how a system should work and how changes in the future will affect it

ABILITIES

Hand and Finger Use
- put together small parts with your fingers
- keep your arm or hand steady

Ideas and Logic
- notice when problems happen
- make general rules or come up with answers from lots of detailed information

Verbal
- listen and understand what people say
- communicate by speaking

Attention
- pay attention to something without being distracted

PERSONALITY

People interested in this work like activities that include **practical, hands-on** problems and solutions.

They do well at jobs that need:
- **Attention to Detail**
- **Self Control**
- **Dependability**
- **Adaptability/Flexibility**
- **Integrity**
- **Initiative**

TECHNOLOGY

You might use software like this on the job:

Word processing software
- Microsoft Word 🔥
- Socrates Contractor's Library

Analytical or scientific software
- Construction Master Pro
- SoftEmpire Electrical Calculations

Data base user interface and query software
- Database software
- Shafer Service Systems

EDUCATION

🎓 🎓 🎓 ⬜ ⬜

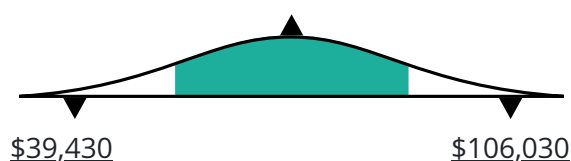**certificate after high school** or
high school diploma/GED
usually needed

JOB OUTLOOK

☀️
Bright

New job opportunities are **very likely** in the future.

SALARY: **$62,350**

$39,430 $106,030

EXPLORE MORE

- Electrical & Electronics Installers & Repairers, Transportation Equipment
- Electrical Power-Line Installers & Repairers
- Helpers--Electricians
- Lighting Technicians
- Plumbers, Pipefitters, & Steamfitters

You might like a career in one of these industries:

- Construction