

**Electrician**

- Electricians are responsible for bringing electricity into homes, factories, businesses, and many other entities. They install and maintain the wiring, fuses, and the other mechanisms that electricity flows through. Many electricians also set up and maintain electrical equipment in factories
- Electricians generally focus on either construction or maintenance, although many do both Scholarships

## What does this job do ?



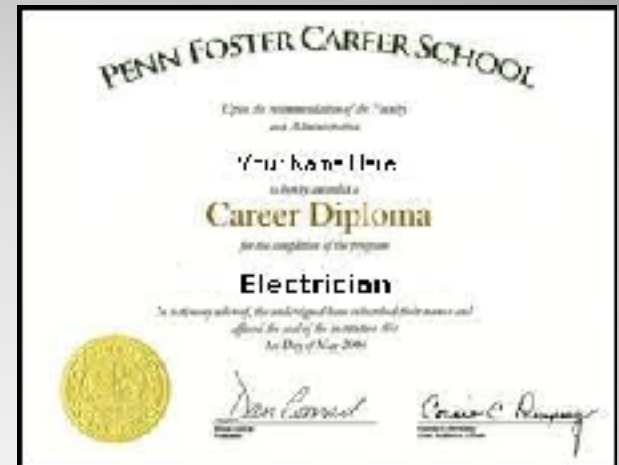
- Electricians who focus on residential work perform a wide variety of electrical work for homeowners. They may rewire a home and replace an old fuse box with a new circuit breaker box to accommodate additional appliances, or they may install new lighting and other electric household items, such as ceiling fans. These electricians also might do some construction and installation work.
- Electricians also periodically inspect all equipment to ensure that it is operating properly and to correct problems before breakdowns occur.

**What does this job do?**

- Troubleshooting
- Determining causes of operating errors and deciding what to do about it.
- Repairing
- Repairing machines or systems using the needed tools.
- Operation Monitoring
- Watching gauges, dials, or other indicators to make sure a machine is working properly.
- Critical Thinking
- Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Quality Control Analysis
- Conducting tests and inspections of products, services, or processes to evaluate quality or performance.

## Skills/Requirements

- To qualify as an electrician, you need an industry-recognized level 3 qualification, such as:
- Level 3 (NVQ) Diploma in Electrotechnical Services (Electrical Maintenance)
- Level 3 (NVQ) Diploma in Installing Electrotechnical Systems & Equipment (Buildings, Structures and the Environment)
- Level 3 Diploma in Electrical Installations (Buildings and Structures) if part of an Apprenticeship.



# Skills and requirements

- I would like this job because I like working with my hands
- I also think that I would be really good with job because I learn by working with my hands
- I also know people that work in this field, one of those would be my uncle who is helping me with this and walking me through the steps to become an electrician because he did it not too long ago.

**Personal and social benefits of this job**

- I think another personal benefit for me would be that I can be working outside. I enjoy working outside and couldn't have a job where I sit behind a desk all day.

**Personal and social benefits**

- I know 2 people that went through the process of becoming an electrician one of them being my uncle and the other being one of my close friends that work for the same company that are helping me and telling me the steps to get to where they are now and how they did it

**How am I prepared ?**



- I want to go to Lincoln tech for my schooling
- I will need to take the required courses and pass the class
- I will then have to find a company that will hire me as an apprentice and do my apprenticeship with them for 4 years



**How will I prepare?**