

## What does a Electrician do?

Electrical fitter, electrical technician, installation electrician  
Electricians fit, service and repair electric machines, equipment and wires.

## How do you become a Electrician ?

You can get into this job through:

- a college course
- an apprenticeship
- getting accredited
- applying directly

You'll usually need for College Route:

- Level 2 Diploma in Access to Building Services Engineering (Electrical)
- Level 2 and Level 3 Diploma in Electrical Installation
- T Level in Building Services Engineering for Construction

You'll usually need for Apprenticeship Route:

- 5 GCSEs at grades 9 to 4 (A\* to C) or equivalent, including English and maths, for an advanced apprenticeship

## Day-to-Day Tasks

As a Electrician you might:

- check electrical systems to make sure they're safe
- build and install electric control panels
- repair electric parts in machines
- install street lights and traffic management systems
- fit wires, sockets and switches in homes
- rewire homes and business properties

Working environment

- You could work on a construction site, at a client's business, at a client's home or on the streets.
- Your working environment may be cramped and at height.
- You may need to wear protective clothing.

## Average Salary

From £18,000 to £42,000 (Average £34,840)

**The UK average salary is £30, 378**

## Typical Working Week

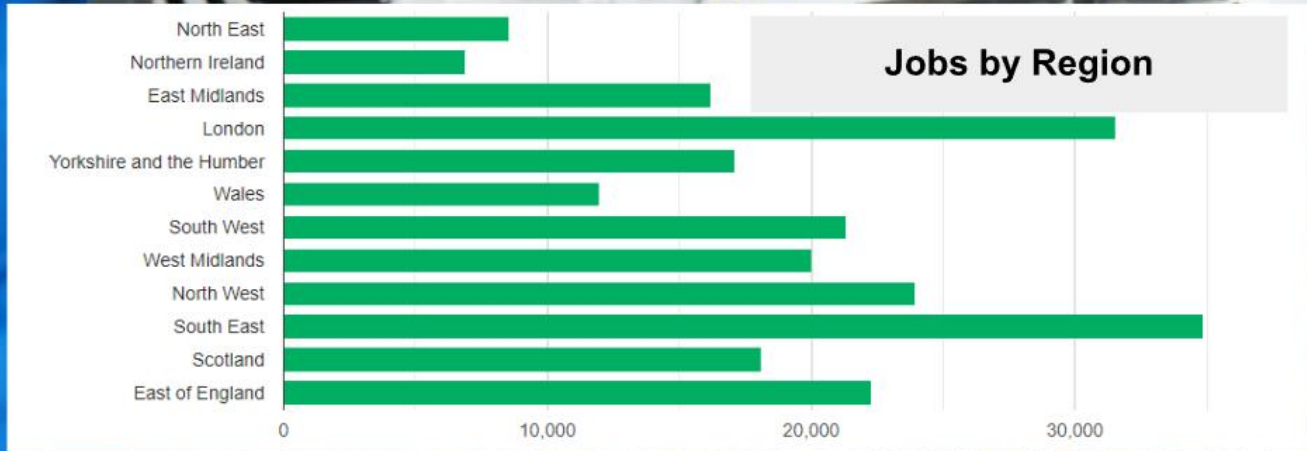
30 to 40 may be irregular or oncall

You could work: evenings / weekends / bank holidays; at short notice

**There are 37.5 hours in the average working week**

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- [Electrical Careers](#)
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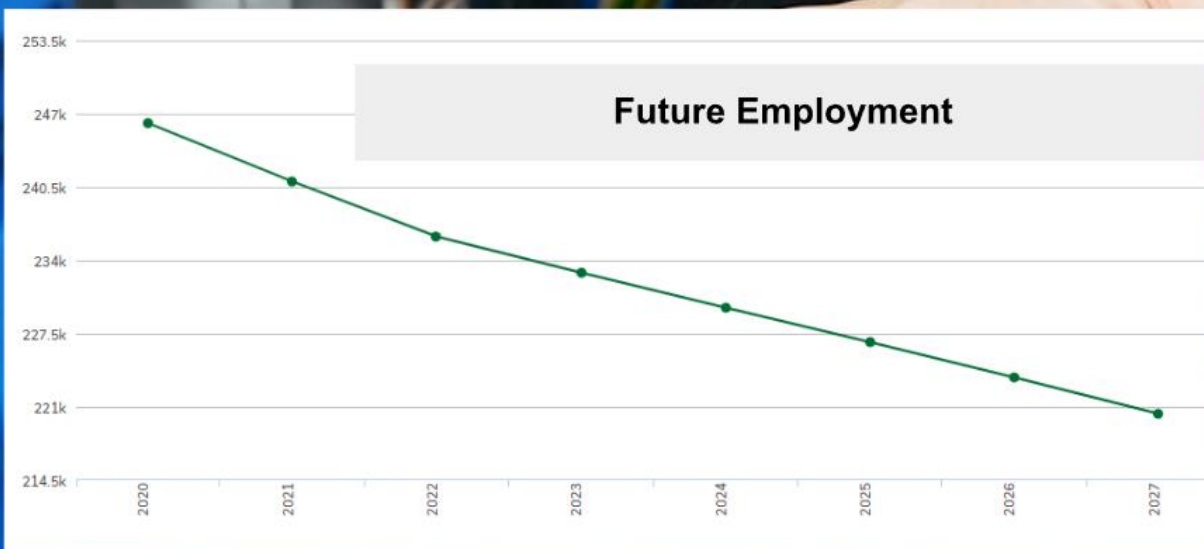
### Skills and knowledge

You'll need:

- the ability to use, repair and maintain machines and tools
- knowledge of building and construction
- maths knowledge for understanding technical plans
- to be thorough and pay attention to detail
- problem-solving skills
- the ability to use your initiative
- the ability to work well with your hands and use equipment safely
- customer service skills for working with colleagues and clients
- to be able to carry out basic tasks on a computer or hand-held device

### Restrictions and Requirements

You may need an Electrotechnical Certification Scheme (ECS) card to prove you have the qualifications and experience to do electrical work.



**Future Employment**  
There will be 5.4% fewer Electrician jobs in 2027.

### Career Progression

With experience, you could:

- become an electrical design engineer
- become a site or project manager
- set up your own business
- train apprentices or teach in further education