



ELECTRICIAN

What do Electricians do?

Electricians install, maintain, repair, test and commission electrical and electronic equipment and systems for industrial, commercial and domestic purposes. Electricians may also work on electrical transmission and distribution equipment.

Electricians may perform the following tasks:

- read electrical, architectural and mechanical diagrams, drawings or specifications to determine job requirements
- plan the layout of wiring systems
- test for, locate and repair electrical malfunctions
- install electrical and electronic control systems and insulated cables
- install electrical equipment such as storage heaters, water heaters, electrical signs, switchboards and motors
- assemble and fabricate electrical and electronic components and appliances
- connect electrical equipment to power supplies
- connect switches, outlets and other fittings
- connect circuit breakers
- maintain automated production processes

With experience and possibly some business training, electricians may specialise as electrical contractors, who order materials, organise staff to meet customer needs and carry out other tasks associated with running a business.

How do I become an Electrician?

To become an Electrician you usually have to complete an Apprenticeship in Electrotechnology Systems (Electrician). Entry requirements may vary but employers generally require Year 11, however many prefer Year 12. Training is usually both on and off the job. The off-the-job training is provided through Registered Training Organisations (RTO's), including Group Training Companies. Details of the training may vary depending on the needs of the employer and are finalised as part of the training agreement.

Qualifying as an Electrician involves:

- Three to Four years commitment
- Attending paid work with a "host employer" for the duration of the apprenticeship
- Attending off-the-job training at an RTO

Ideal Personal Requirements to be an Electrician include:

- enjoy mathematical and technical activities
 - good hand-eye coordination
- good eyesight and normal colour vision
 - diagnostic ability
- aptitude for mechanics and electronics
 - able to do precise and detailed work
 - physically fit
- good communication skills.



How do I become an apprentice with The Apprenticeship Factory?

Call the friendly staff at The Apprenticeship Factory on 1300 134 648 (free call).