

Electrical Apprenticeships

A general electrician will select, install, set up, test, fault find, repair and maintain a wide range electrical systems and equipment in new and existing buildings and houses.

What are some of the duties involved in an electrical apprenticeship?

- ✓ Measuring and laying out installation points
- ✓ Connecting wires and cables to terminal points and connectors
- ✓ Diagnosing and testing wiring faults by using electronic equipment
- ✓ Installing electrical switchboards
- ✓ Testing circuits
- ✓ Testing refrigeration and air-conditioning systems

4 Years

- A fulltime electrical apprenticeship goes for 4 years
- An electrical school based apprenticeship (SBA) goes for 5 years, with the 1st year spread across Year 11 & 12
- An electrical SBA must complete a minimum of 180 days of paid employment across Year 11 & 12
- Once a SBA finishes their HSC and SBA requirements they will become a 2nd year apprentice and can commence full time work
- Students can undertake a Certificate II Electrotechnology school based traineeship, complete 120 paid days of employment and may receive 6 months credit towards an electrical apprenticeship

What does a typical week look like?

- ✓ 4 days per week at work
- ✓ 1 day per week at TAFE
- ✓ Employers may ask you to work Saturdays & overtime

What are some of the units offered in the course?

- ✓ Participate in electrical work and competency development activities
- ✓ Apply Occupational Health and Safety regulations, codes and practices in the workplace
- ✓ Fabricate, assemble and dismantle utilities industry components
- ✓ Solve problems in DC circuits
- ✓ Fix and secure electrotechnology equipment
- ✓ Use drawings, diagrams, schedules, standards, codes and specifications
- ✓ Document and apply measures to control WHS risks associated with electrotechnology work
- ✓ Solve problems in single and three phase low voltage machines

What qualification is completed in the apprenticeship?

Certificate II in Electrotechnology – Career Start (school based traineeship)

Certificate III in Electrotechnology Electrician

Certificate III in Automotive Electrical Technology

Certificate III in Air-conditioning and Refrigeration

Certificate IV in Automotive Technology

Once an apprentice has completed their TAFE studies, they have to sit a CAPSTONE test which the apprentice is required to pass in order to achieve their electricians' licence.

Additional studies after the apprenticeship:

Diploma of Electrotechnology

Advanced Diploma of Electrotechnology

Career pathway:

- ✓ Electronic Equipment Technician
- ✓ Electrical Engineering
- ✓ Senior Technical Officer
- ✓ Business owner

What we look for in a suitable candidate

- ✓ Strong maths skills
- ✓ Decision making & problem solving
- ✓ Critical thinking
- ✓ Customer service
- ✓ Readiness to work hard and learn
- ✓ White card
- ✓ Driver's licence (except for school based apprentices & trainees)
- ✓ Own car (except for school based apprentices & trainees)

Industry demand:

With technology and construction increasing in demand, the electrical industry is in a prime position for continued growth and employment opportunity.

What is the pay rate?

<https://calculate.fairwork.gov.au/findyouraward>



Questions?

If you have any questions, please call our office on 1800 993 200 or visit our website www.mygateway.org.au

