

UEE30811 – Certificate III in Electrotechnology Electrician



Overview

This qualification covers the skills and knowledge competencies to select, install, set up, test, fault find, repair and maintain electrical systems and equipment in building and premises. It includes ERAC requirements for an 'Electrician's license'.

Duration

This program is offered as a 48 Month (4year) Australian Apprenticeship Training Contract.

Note: usually completed in approx. 3.5 years

You will be assigned an ATEC Case Manager who will work with you and your employer to develop a Training Plan that suits the needs of you and your employer.

Assessment

There are theory and practical training and assessment components to the course. Skills will be trained and assessed through a blend of off-the-job (trade school), self paced study and on-the-job skill development

Entry Requirements

Participants **MUST:**

- Be signed into an approved Training Contract with an employer through an Australian Apprenticeship Support Network
- Be 16 years or older for a standard apprenticeship training contract; or
- 15 years or older for a school based apprenticeship training contract
- Be an Australian/New Zealand Citizen or hold an eligible VISA.
- Have the ability to read, write and understand basic English and carry out basic mathematical calculations.
- Have the physical ability to perform practical electrical skills.

Course Fees

Please contact ATEC on 1300 112 832 for further information on course fees. Note: Students are required to contribute towards tuition fees and other incidentals such as text books.

Subsidised Training

This course may be subsidised by the Government of South Australia for eligible students. Visit

www.skills.sa.gov.au for eligibility criteria. **Note:** Tuition and incidental fees will still require contribution by learners if eligible for funding.

This course may be subsidised by the Construction Industry Training Board (CITB) for eligible participants visit <https://citb.org.au/construction-workers-or-apprentices/apply-for-a-citb-number> to apply.

Note: Tuition and incidental fees will still require contribution by learners if eligible for funding



Learner Requirements

- Provide your Unique Student Identifier (USI). To apply for a USI go to <https://www.usi.gov.au/your-usi/create-usi>
- Provision of Australian legal photo identification for enrolment purposes
- Applicants will be required to attend an enrolment session and undertake a Literacy and Numeracy Assessment at a level required to successfully complete the qualification. *Potential clients who are identified as not meeting course requirements will be assisted with referral to appropriate support services.*

PPE (Personal Protective Equipment)

To be supplied by participant:

- Safety Boots (steel cap)
- Safety glasses (non-tinted)
- Long pants
- Long-sleeved shirt (for WHS reasons please do not wear excessively loose clothing)
- High visibility vest (high visibility shirt/jumper is acceptable)

Outcome

On successful completion of all requirements of this course, learners will be issued with:

- 1) A Record of Results; and a
- 2) Certificate for the UEE30811 Certificate III in Electrotechnology Electrician.

Note: Students who do not complete all the requirements of this course will receive a Statement of Attainment for the units of competency that have been successfully achieved.

Locations

- Ottoway

Ottoway

275 Grand Junction Road, Ottoway
South Australia 5013

Lonsdale

5 Refinery Road, Lonsdale
South Australia 5160

Port Adelaide

12 Todd Street, Port Adelaide
South Australia 5015

Pre-enrolment information

Important information for prospective students in regards to ATEC Policies is available at <http://www.atec.asn.au/pre-enrolment-information.html>

How to apply

Applications and enquiries can be made:

- Online – www.atec.asn.au
- Email – bookings@atec.asn.au
- Call ATEC on 1300 112 832

UEE30811 - Certificate III in Electrotechnology Electrician – Sample training plan

Packaging rules

20 core units and a number of electives to make a minimum of 140 in total.

Core units	Unit Title	Nominal Hours	Points
UEENEEC020B	Participate in electrical work and competency development activities	20	60
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20	20
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work	20	20
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40	40
UEENEEE104A	Solve problems in d.c. circuits	80	80
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector	20	20
UEENEEE105A	Fix and secure electrotechnology equipment	20	20
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	40	40
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits	60	40
UEENEEG101A	Solve problems in electromagnetic devices and related circuits	60	60
UEENEEG102A	Solve problems in low voltage a.c. circuits	80	80
UEENEEG033A	Solve problems in single and three phase low voltage electrical apparatus and circuits	60	60
UEENEEG063A	Arrange circuits, control and protection for general electrical installations	40	40
UEENEEG006A	Solve problems in single and three phase low voltage machines	80	80
UEENEEG107A	Select wiring systems and cables for low voltage general electrical installations	80	60
UEENEEG108A	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits	80	40
UEENEEG109A	Develop and connect electrical control circuits	80	80
UEENEEG103A	Install low voltage wiring and accessories	20	20
UEENEEG104A	Install appliances, switchgear and associated accessories for low voltage electrical installations	20	20
UEENEEG105A	Verify compliance and functionality of low voltage general electrical installations	60	40
Core Units Total Hours/Points		980	920
Photovoltaic Stream Electives			
UEENEEC001B	Maintain documentation	20	20
UEENEEK125A	Solve basic problems in photovoltaic energy apparatus and systems	20	20
UEENEEK148A	Install, configure and commission LV grid connected photovoltaic power systems	20	40
UEENEEC002B	Source and purchase material/parts for installation or service jobs	20	20
UEENEEG189A	Install and maintain emergency lighting systems	20	40
Core Units plus Photovoltaic Stream Total Hours/Points		1080	1060
Telecommunication Stream Electives			
UEENEEC001B	Maintain documentation	20	20
UEENEEF102A	Install and maintain cabling for multiple access to telecommunication services	120	120
Core Units plus Telecommunication Stream Total Hours/Points		1120	1060

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Supported by
**Government of
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