

UEE30811 Certificate III in Electrotechnology Electrician



DESCRIPTION

Persons gaining this qualification will be able to select, install, set up, test, fault find, repair and maintain electrical systems and equipment in buildings and premises. The qualification contains the requirements for an 'Electrician's Licence'

ELIGIBILITY/ENTRY REQUIREMENTS

To gain entry into UEE30811 Certificate III in Electrotechnology – Electrician candidates are required to be apprentices who have entered into a Training Contract with Australian Apprenticeships NT. Students will need to demonstrate an appropriate level of language, literacy and numeracy skills and knowledge to undertake a course at this level.

DELIVERY DETAILS

Location (s)	Duration	Study mode
Alice Springs Casuarina - Building Pink 9	Full time - 4 years OR Part time - 6 years (negotiated between apprentice, employer and CDU).	Face to face delivery at the Campus, combining theory and practical training and assessments. Mixed delivery mode may be available with some units and need to be negotiated with the Team Leader. A simulated practical workshop may be conducted with specific units.

2019 FEES

This course is subsidised by the NT Government. The NT subsidy applies to eligible domestic students living in the NT and is **subject to available places**. The **full fee** will apply when funded places have been filled and for students that are ineligible for the NT Government subsidised rate.

Based on course nominal hours between 1120 - 1220 hours, approximate 2019 course fees will be:

NT Government subsidised place: \$3,584.00 - \$3,904

Full fees: \$19,040 - \$20,740

For more information on fees, payment options, instalment plans and refunds contact CDU on 1800 061 963 or refer to www.cdu.edu.au/cdu-vet/student-guide/fees

ASSESSMENT

Assessments vary with each unit. You will be provided with an assessment guide.

RECOGNITION OF PRIOR LEARNING (RPL)

Students can apply for RPL during pre-enrolment or after enrolment. Students are provided with an RPL Self-Assessment before application and followed through with and an initial interview with an assessor.

RESOURCES

Students are issued with unit work books and task sheets for the unit undertaken.

STUDY AND CAREER PATHWAYS

Further training pathways from this qualification include, but are not limited to Certificate IV and Diploma level qualifications. Possible job titles relevant to this qualification include:

- A Grade Electrician
- Electrician
- Electrical Fitter Mechanic

QUALIFICATION CONTENT

To achieve a Qualification an approximate of twenty three (23) units of competency must be completed comprising twenty (20) core and depending on individual unit points three (3) elective units as detailed in the packaging rules and listed below. The electives offered may vary between campuses.

CORE UNITS

Core Competencies NOTE: Competencies marked # have pre-requisite competencies

UEENEEC020B	Participate in electrical work and competency development activities
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE102A #	Fabricate, assemble and dismantle utilities industry components
UEENEEE104A #	Solve problems in d.c. circuits
UEENEEE105A #	Fix and secure electrotechnology equipment
UEENEEE107A #	Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEE137A #	Document and apply measures to control OHS risks associated with electrotechnology work
UEENEEG006A #	Solve problems in single and three phase low voltage machines
UEENEEG033A #	Solve problems in single and three phase low voltage electrical apparatus and circuits
UEENEEG063A #	Arrange circuits, control and protection for general electrical installations
UEENEEG101A #	Solve problems in electromagnetic devices and related circuits
UEENEEG102A #	Solve problems in low voltage a.c. circuits
UEENEEG103A #	Install low voltage wiring and accessories
UEENEEG104A #	Install appliances, switchgear and associated accessories for low voltage electrical installations
UEENEEG105A #	Verify compliance and functionality of low voltage general electrical installations
UEENEEG106A #	Terminate cables, cords and accessories for low voltage circuits
UEENEEG107A #	Select wiring systems and cables for low voltage general electrical installations
UEENEEG108A #	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
UEENEEG109A #	Develop and connect electrical control circuits
UEENEEK142A	Apply environmentally and sustainable energy procedures in the energy sector

ELECTIVE UNITS

Elective Competencies (Electives are normally selected from the list below and nominated on individual Training Plans). Other units are available for Credit Transfer & Recognition of Prior Learning.

UEENEEA110A #	Assemble, mount and connect control gear and switchgear
UEENEEA113A #	Mount and wire control panel equipment
UEENEEI150A #	Develop, enter and verify discrete control programs for programmable controllers
* These Instrumentation units are only delivered at the Casuarina Campus in Stage 3 *	
UEENEEI101A # *	Use instrumentation drawings, specifications, standards and equipment manuals
UEENEEI102A # *	Solve problems in pressure measurement components and systems

WITHDRAWING FROM A QUALIFICATION

You may withdraw from this qualification and receive, where relevant, a Statement of Attainment for all units of competency you have successfully completed.

SUPPORT SERVICES

The University supplies support for students in many areas, including: Accommodation, Careers and Employment, Counselling, Disability Service, Equal Opportunity, Discrimination and Harassment advice, Australian Indigenous Student Support Services, Information Technology Services, International Student Support Services, Library Services, and Learner Support Services.

More information is available at - www.cdu.edu.au/study/student-life/student-support

CONTACT DETAILS

SCHOOL OF TRADES

Electrotechnology (Top End)

T. 08 8946 7505

E. electrotechnology@cdu.edu.au

W. www.cdu.edu.au/cdu-vet

SCHOOL OF TRADES

Trades (Central)

T. 08 8946 7509

E. tradescentral@cdu.edu.au

W. www.cdu.edu.au/cdu-vet

Refer to the **VET Student Guide** www.cdu.edu.au/cdu-vet/student-guide for information regarding the enrolment process, student support services, student rights and responsibilities, previous studies recognition and the A-Z of other information.