

Applications open 9am Monday 15th July  
and close Friday 30th August at 5pm

# Certificate II in Electrotechnology (Career Start)

UEE22020

**ERGON ENERGY NETWORK AND  
ENERGEX RURAL, REGIONAL AND  
REMOTE CADETSHIP**



In a state-first, Ergon Energy Network and Energex, part of Energy Queensland, and TAFE Queensland, are sparking the interest of enthusiastic and dedicated high-school students, looking to undertake a pre-apprenticeship program in **2025**.

Ergon Energy Network and Energex is invested in skilling students in pre-vocational programs, to address a **Distribution Linesperson and Electrical Fitter Mechanic** apprenticeship skill shortage in South West Queensland.

This cadetship will include a combination of weekly online workshops by industry-expert TAFE Queensland educators, with regular involvement by Ergon Energy Network and Energex experts, on-campus practical days and in-community depot work experience placements.

Students will learn the skills needed to safely undertake basic electrotechnology work and solve problems in extra-low voltage single-path and multiple-path DC circuits, under the mentorship of Ergon Energy Network and Energex experts.

CODE	UNIT	OVERVIEW
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	<p><b>DURATION:</b> 4 terms</p> <p><b>STUDY MODE:</b> Blended (Online and Face-to-face)</p> <p><b>WORKLOAD:</b></p> <ul style="list-style-type: none"> <li>• 1 day per week – online classroom via teams platform with a TAFE Queensland Educator (Tuesday)</li> <li>• 2 x 5-day practical blocks on Campus (Students will be advised on successful outcome of application which dates below pertain to their campus location): <i>Term 1 (2025)</i> 10 March - 14 March or 17 March - 21 March 25 <i>Term 4 (2025)</i> 13 October - 17 October or 20 October - 24 October</li> <li>• Plus up to 3 weeks work experience at depot locations. These dates will be advised on successful outcome of application and may include School Holidays.</li> </ul> <p><b>YEAR LEVEL:</b> 11 and 12</p> <p><b>COST:</b> VETIS-funded*, supported by Ergon Energy Network and Energex *subject to eligibility</p>
CPCCWHS1001-1	Prepare to work safely in the construction industry	
UEECD0038	Identify and select components, accessories and materials for energy sector work activities. Provide solutions and report on routine electrotechnology problems	
UEECD0019	Fabricate, assemble and dismantle utilities industry components	
UEECD0020	Fix and secure electrotechnology equipment	
UEECD0046	Solve problems in single path circuits	
UEERE0021	Provide basic sustainable energy solutions for energy reduction in residential premises	
UEECD0052	Use routine equipment/plant/technologies in an energy sector environment	
UEECD0009	Carry out routine work activities in an energy sector environment	
UEECD0021	Identify and select components, accessories and materials for energy sector work activities	
UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	
UEECD0008	Carry out preparatory energy sector work activities	

## Course Objectives and Work Experience

Successful students will learn:

- Essential work, health and safety requirements contextualised to the electrical industry.
- Primary technical skills for the electricity distribution, retail and energy services sector including, the use of multiple power tools and materials, reading and interpreting site plans and specifications.
- Real-world site experience at Ergon Energy Network and Energex depots.
- Enterprise skills by completing Toolbox Talks and providing a formal project handover to the next incoming group at the end of rostered shift.

## Course outcomes and benefits

In addition to the successful completion of the Certificate II in Electrotechnology (Career Start) UEE22020, students will also complete:

- General Safety Induction course (White Card) – an industry requirement to work on Queensland construction sites, and some of the units needed for the first stage of an electrical apprenticeship.

Participants that successfully complete the program will receive:

- Toolkit.
- PPE (Boots, Shirt, Gloves, Safety Glasses).
- Travel costs including accommodation and meals (where required).
- Work Experience at the closest Ergon Energy Network and Energex depot within the applicant's region. This will be nominated by Ergon/Energex and applicant will be notified on successful application outcome.

## Eligibility

Students will need to meet specific eligibility criteria before being considered for the Cadetship application process.

- Students must currently be enrolled at a Queensland High School.
- Students must be a Queensland Resident.
- Students will be assessed via the Ergon Energy Network and Energex application process. To submit your application all requests must be completed prior to the closure date. Students must remain vigilant in checking emails to ensure they do not miss any requests for further information.
- Students must have successfully completed the General Induction Training unit (CPCCWHS1001-1) which is delivered as part of the program in the first 4 weeks of commencement. This unit will be a requirement for the Work Experience Component.
- During application students may be asked to follow links for BSKB testing. Student will also be requested to submit via the secure application link video responses to candidate questions.
- Students must be available to travel to local depot (and stay overnight if required) and perform work experience during the prescribed time periods (Travel costs may be provided by Ergon Energy Network and Energex *\*Subject to eligibility*).
- Students must receive permission by caregiver and school to participate.

## Resources required

- Ergon Energy Network and Energex will supply the minimum occupational health and safety requirements for practical classes. This includes the use of safety glasses and protective footwear with safety toe cap and non-slip soles to AS2210. These requirements are also needed for any work experience attendance at an Ergon/Energex Depot location.
- Students will be provided with a recommended reading list and/or required textbooks during orientation or at the start of each unit.
- Students will be required to bring personal stationery, a USB, a scientific calculator, a ruler, set square, protractor and compass on their practical attendance at a TAFE Campus. This equipment will also be needed during the online classes each Tuesday.
- Students will require access to a reliable internet connection to access TAFE Queensland's online learning system, Connect, and MS Teams, and a computer with up-to-date software, including Microsoft Office, Adobe Acrobat Reader and Adobe Flash Player. This equipment and software is available for use at all TAFE Queensland locations, however students would benefit from bringing your own device (BYOD).



## // APPLY NOW

Ergon Energy Network and Energex encourages applications from First Nations people and students that identify as female.

REGION	DEPOT LOCATIONS
Far North Queensland	Cooktown, Mossman, Mareeba, Atherton, Ravenshoe, Normanton, Georgetown, Tully, Innisfail
North Queensland	Mt Isa, Cloncurry, Julia Creek, Richmond, Hughenden, Charters Towers, Home Hill
Mackay, Isaac and Whitsunday	Bowen, Sarina, Moranbah, Clermont, Middlemount
Central Queensland	Pinnacle, Biloela, Theodore, Longreach, Barcaldine, Blackall, Winton, Springsure, Emerald, Blackwater
Wide Bay Burnett Region	Mundubbera, Biggenden, Gayndah, Monto, Murgon, Kingaroy, Yarraman, Kilkivan
South East Queensland	Gatton, Esk, Boonah, Beaudesert
Darling Downs and South West	Quilpie, Charleville, Cunnamulla, Roma, St George, Dalby, Tara, Chinchilla, Wandoan, Millmerran, Warwick, Stanthorpe

Campus locations for practical attendance in Term 1 and 4 (5 day block) will be advised to successful candidates. These TAFE Queensland Campus locations will be the closest available in proximity to your local area to undertake the practical components. Ergon Energy Network and Energex may help with travel expenses for those distanced from the nearest campus.

\*Conditions apply and can be discussed on successful application outcome.

## Questions?

Please email [GOTAFE.Southwest@tafeqld.edu.au](mailto:GOTAFE.Southwest@tafeqld.edu.au)

