

Electrotechnology (Career Start)

The VET Electrotechnology program gives students the necessary foundations to kick-start a career into the electrotechnology industry. Qualified electricians are in high demand and this program will develop your knowledge and skills within our simulated industry workshops and in an adult learning environment.

Note: this program is open to Year 11 and 12 students only and enrolment will be based on set LLN levels.

Certificate II in Electrotechnology (Career Start) (UEE22025)

Possible study pathways

Certificate III in Electrotechnology
Electrician; Airconditioning and Refrigeration

Certificate IV in Electrical – Renewable Energy; Electrotechnology - Systems Electrician

Diploma of Electrical Engineering

Bachelor of Electrical Engineering

Potential career pathways

A Grade electrician; Electrician; Air-conditioning and refrigeration mechanic; System electrician; Renewable energy systems installer

Delivery location/s: Fed TAFE, Horsham

Contact days/hours: Wednesdays during school terms 9:20am to 3:20pm

Duration: 2 years.

This program is a completion of the certificate over two years.

Accreditation: National

School to work: 40 hours (1 week) is strongly recommended by VCAA

PPE and materials: Safety boots required and appropriate PPE uniform must be worn each week with further information in the Fed TAFE Student Handbook

Materials fee: Paid for by Department of Education for Government students. Independent and Catholic students to discuss with your school VET Co-ordinator

Enrolment criteria: All students need a USI and must complete a Language Literacy, Numeracy and Digital (LLND) assessment and Pre-Training Review prior to acceptance into the program. Enrolment is online prior to Day 1.

VCE credits: Recognition of up to four VCE VET units at Units 1 and 2 level, and a VCE VET Unit 3–4 sequence

VCE-VM credits: A Certificate II or above VET program is mandatory for students studying VCE-VM. 180 nominal hours or above equals two VET credits.

VPC credits: Every 90 nominal hours of VET equals one unit of credit.

ATAR credits: Students who receive a VCE VET Unit 3-4 sequence will be eligible for an increment towards their ATAR (10% of the lowest study score of the primary four studies)

Scored assessment: Not eligible

Delivered by Fed TAFE (RTO Code 4909)



Possible Units of Competency

CPCWHS1001 Prepare to work safely in the construction industry
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0009 Carry out routine work activities in an energy sector environment
UEECD0021 Identify and select components, accessories and materials for energy sector work activities
UEECD0038 Provide solutions and report on routine electrotechnology problems
UEECD0046 Solve problems in single path circuits
UEECD0052 Use routine equipment/plant/technologies in an energy sector environment
UEERE0087 Provide basic sustainable energy solutions for energy management in residential premises
BSBOPS203 Deliver a service to customers
HLTAID009 Provide cardiopulmonary resuscitation
UEECD0008 Carry out preparatory energy sector work activities
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0035 Provide basic instruction in the use of electrotechnology apparatus
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 volt supply

Program commencement is subject to enrolment numbers. Units of Competency are subject to change prior to delivery. All details accurate at the time of publication.

Some programs may require additional study (more than two years) to complete the Certificate requirements. Check the 'Duration' for more information.