

VET Delivered to Secondary Students 2024

Certificate II in Electrotechnology (22499VIC) (pre-vocational) (partial completion)

PROGRAM DESCRIPTION

The program provides students with the skills and knowledge to enhance their entry level employment prospects in apprenticeships and traineeships in a range of industries such as Electrical, Electronics, Refrigeration and Mechanical. Students must have a good understanding of maths.

WHO SHOULD APPLY?

Students must be in year 11. This program provides pathways to new skills as new technologies are adopted, especially in energy efficiency and sustainability.

It can lead onto apprenticeships and traineeships. People working in trades are in high demand and its one of the biggest employment sectors in the country.

PROGRAM STRUCTURE

2 year program

Delivered one afternoon a week

School Holiday Block Training 24 June- 28 June 2024 (TBC)

Location: SWTAFE Warrnambool & Portland Campuses

SPECIAL REQUIREMENTS

Safety glasses, protective clothing, safety footwear, pen, pencil and set square

PATHWAYS

Pathways include Electrical Apprenticeships and Traineeships. Further study options include Certificate III in Electrotechnology, Certificate IV in Electrotechnology, Solar installation, solar design, also the Telecommunication industry and Electrical distribution networks such as Powercor.

VCE SUBJECTS

It is recommended that the following units be undertaken:

- English units 1 to 4
- Design and Technology units 1 to 4
- General Maths units 1 to 4

WORK PLACEMENTS

The VCAA strongly recommends a minimum of 80 hours of work placement for this program.

CONTRIBUTION TO THE VCE

The units in this program have been grouped to form Unit 1-2 and Unit 3-4 sequences for VCE or VCE VM recognition purposes.

Students may be entitled to 10% increment towards their VCE.

BENEFITS

- Completion of both VCE and VET certificates
- Possible credits from other TAFE courses
- Contribution toward VCE units 1-4
- Opportunity to undertake work placement
- Accredited entry level for other TAFE and university courses
- Pathways to further training

WOULD YOU LIKE TO APPLY?



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UNIT OUTLINE (partial completion)

VCE VET Units 1 & 2

Code	Units of Competence	Nominal Hours
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40
VU22333	Perform intermediate engineering computations	40
HLTAID003	Provide first aid	18
CPCCWHS1001	Prepare to work safely in the construction industry	6
UEENEEE103A	Solve problems in ELV single path circuits	40
VU22672	Carry out basic electrotechnology project	40
Subtotal		184

VCE VET Units 3 & 4

Code	Units of Competence	Nominal Hours
UEENEEE101A	Apply occupational health and safety regulations, codes and practices in the workplace	20
CPCCWHS1001	Prepare to work safely in the construction industry (first year unit only)	6
UEENEEE105A	Fix and secure electrotechnology equipment	20
UEENEEE141A	Use of routine equipment plant technologies in an energy sector environment	60
VU22671	Use test instruments in the electrotechnology industry	20
VU21544	Install a sustainable extra low voltage energy power systems	30
VU22670	Provide an overview of the electrotechnology industry	30
VU22673	Carry out basic network cabling for extra low voltage (ELV) equipment and devices	30
Subtotal		216
TOTAL		400

What is partial completion?

At the end of each year you will receive a Statement of Attainment listing the successfully completed units. You may be able to use the Statement of Attainment to receive credit towards further qualifications.