

Certificate II in Electrotechnology Pre-Vocational (22682VIC) (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?

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 it's one of the biggest employment sectors in the country.

PREREQUISITE

Students must be in year 11 to commence this program.

PROGRAM STRUCTURE

2-year program
Delivered one afternoon a week
2nd Term School Holiday Block Training

SPECIAL REQUIREMENTS

Safety glasses, protective clothing, safety footwear, and set square.

LOCATIONS

SWTAFE Warrnambool Campus
SWTAFE Sherwood Park Campus
SWTAFE Portland Campus

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.

WORK PLACEMENTS

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

CONTRIBUTION TO THE VCE

Students undertaking this VET DSS program through the VCE stream are eligible for credit of up to four VCE VET units on their VCE Statement of Results: two units at Unit 1-2 level and a Unit 3-4 sequence.

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

Students undertaking this VET DSS program through the VCE Vocational Major stream will need to complete a minimum of 180 nominal hours of a VET DSS program over a 2-year period.

BENEFITS

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

WOULD YOU
LIKE TO APPLY?



VET DELIVERED TO SECONDARY STUDENTS

1st year

Code	Units of Competency	Nominal Hours
UEECD0007	Apply work 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
UEECD0020	Fix and secure electrotechnology equipment	20
UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	20
VU23737	Use test instruments in the electrotechnology industry	20
VU23735	Install a sustainable extra low voltage energy power system	30
VU23736	Prepare for work in the electrotechnology industry	30
HLTAID011	Provide First AidPro	18
VU23739	Carry out basic network cabling for extra low voltage (ELV) equipment and devices	30
Subtotal		194

2nd year

Code	Units of Competency	Nominal Hours
UEECD0019	Fabricate, assemble and dismantle utilities industry components	40
VU23480	Perform intermediate engineering computations	40
UEERA0035	Establish the basic operating conditions of air conditioning system	20
UEECD0042	Solve problems in ELV single path circuits	40
VU23738	Plan and complete a basic electrotechnology project	40
Subtotal		180
TOTAL		374

What is partial completion?

At the end of each year you will receive a Statement of Attainment listing the successfully completed units.

Course in Transition

This qualification is superseded and course updates are occurring.

To ensure course content is relevant and industry-specific, industry is constantly having input into this training package. The course code, title, units, and content may change in the future and you may be enrolled in the new qualification. Further information will be provided on our website, upon enrolment and/or during the course of your training.

Units of competency may change without notice