

22499VIC

Certificate II in Electrotechnology (Pre-Vocational)



About

This introductory course equips you with knowledge and skills that are the fundamentals of electrical, telecommunication, refrigeration, and air conditioning systems, as well as workshop experience in fabrication and assembly techniques, wiring, cabling, basic installation skills, and use of test equipment. It can contribute to gaining an apprenticeship in Electrotechnology (Certificate III level).

You will learn

- ◆ How to prepare to work safely in the construction industry
- ◆ How to fix and secure Electrotechnology equipment.

Note:

This course is expected to change in the future, and the course code, title, units, and content may alter.

Location and time

Sunshine or Werribee East Campus
Tuesday or Wednesday or Thursday
or Friday, 8.30am–3.00pm

Duration

2 years part-time, one day a week

Course fees

VU does not charge any fees to students directly to undertake VDSS with us. These fees are in line with the Department of Education & Training fee bands and are charged to the secondary school.

Please contact your Secondary School VET Coordinator for course fees.

Program outcomes

Recognition of Units 1 and 2 and Units 3 and 4 sequence are successfully completed.

This program does not offer scored assessment.

Qualification

22499VIC Certificate II in Electrotechnology (Pre-Vocational)

Where the full qualification is not completed, a Statement of Attainment is issued for passed units.

Equipment (student to supply)

- ◆ Overalls or workpants with rule pocket
- ◆ Safety boots
- ◆ PPE – Earplugs, Safety glasses, Safety gloves
- ◆ Calculator
- ◆ A4 Ring Binder and notebook
- ◆ Ballpoint pen, pencils, rubber, ruler
- ◆ Coloured marker

Course outline

| Year 1 | | Year 2 | |
|--------------|----------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|
| CPCCWHS1001 | Prepare to work safely in the construction industry | UEENEEJ104A* | Establish the basic operating conditions of air conditioning |
| HLTAID011 | Provide first aid | VU22670 | Provide an overview of the Electrotechnology industry |
| UEENEEE101A | Apply Occupational Health and Safety regulations, codes and practices in the workplace | VU22671 | Use test instruments in the Electrotechnology industry |
| UEENEEE102A* | Fabricate, assemble and dismantle utilities industry components | VU22672 | Carry out basic Electrotechnology project |
| UEENEEE103A* | Solve problems in ELV single path circuits | UEENEEJ102A* | Prepare and connect refrigeration tubing and fittings |
| UEENEEE105A* | Fix and secure Electrotechnology equipment | VU22669 | Perform energy sector installations of extra low voltage (ELV) single path circuits |
| VU22333 | Perform intermediate engineering computations | VU22673 | Carry out basic network cabling for extra low voltage (ELV) equipment and devices |
| VU21544 | Install a sustainable extra low voltage energy power system | | |

*Denotes prerequisite unit prior to commencing

Structured Workplace Learning

The Victorian Curriculum and Assessment Authority (VCAA) has determined that Structured Workplace Learning (SWL) is a valuable component of all VET Delivered to Secondary School students VDSS qualifications undertaken.

VCAA strongly recommends that students undertake a minimum of 80 hours of SWL over the duration of the VDSS Certificate II in Electrotechnology (Pre-Vocational).

Further information regarding SWL is available at:

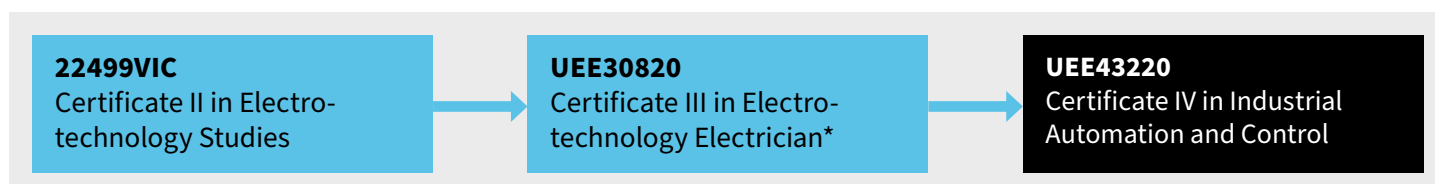
<https://www.vcaa.vic.edu.au/curriculum/vet/swl-vet/Pages/Index.aspx>

Secondary schools are required to organise the Structured Workplace Learning.

Contact

For further course information contact VDSS@VU.edu.au

VU TAFE pathways



*UEE3082 Certificate III in Electrotechnology is an apprenticeship course – you must be employed as an apprentice electrician to study it.