VICTORIA UNIVERSITY POLYTECHNIC

VUPOLYTECHNIC.EDU.AU

22499VIC CERTIFICATE II IN ELECTROTECHNOLOGY STUDIES (PRE-VOCATIONAL)

COURSE CODE 22499VIC

DURATION 2 YEARS PART TIME

CAMPUS SUNSHINE OR WERRIBEE

TIME WED OR THUR OR FRI 8.30AM – 3.30PM

CONTACT VETDSS@VU.EDU.AU

About

This program aims to provide basic industry skills and knowledge specific to the electrical industry and can contribute to gaining an apprenticeship in the electrical industry (Certificate III level).

Equipment

Personal protective clothing and equipment to be supplied by student:

> calculator
> pens
> pencil
> rubber
> writing text book
> ruler
> coloured markers
> work boots
> full length pants
> t-shirt

Structured workplace learning

The Victorian Curriculum and Assessment Authority (VCAA) has determined that Structured Workplace Learning (SWL) is a valuable component of all VET qualifications undertaken by VCE Vocational Major (VM) and VPC students.

VCAA strongly recommends that students undertake a minimum of 80 hours of SWL over the duration of the VCE VET Certificate II in Electrotechnology Studies.

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 Structured Workplace Learning.

Program outcomes

Credit in the VCE VM and VPC: recognition of four units at Units 1 and 2 level and a Units 3 and 4 sequence.

The Electrotechnology program does not offer scored assessment.

Qualification: 22499VIC Certificate II in Electrotechnology (Pre-Vocational)

Course fees

Please contact your Secondary School VET Coordinator for course fees.

NATIONALLY RECOGNISE TRAINING

COURSE OUTLINE

YEAR 1

CPCCWHS1001A	Prepare to work safely in the construction industry
HLTAID011	Provide first aid
UEENEEE101A	Apply occupational health and safety regulations, codes and practices in the workplace
UEENEEE102A*	Fabricate, assemble and dismantle utilities industry components
UEENEEE103A*	Solve problems in ELV single path circuits
UEENEEE105A*	Fix and secure electrotechnology equipment
VU22333	Perform intermediate engineering computations
VU21544	Install a sustainable extra low voltage energy power system

YEAR 2

UEENEEJ104A*	Establish the basic operating conditions of air conditioning systems
VU22670	Provide an overview of the electrotechnology industry
VU22671	Use test instruments in the electrotechnology industry
VU22672	Carry out basic electrotechnology project
VU22673	Carry out basic network cabling for extra low voltage (ELV) equipment and devices
UEENEEJ102A*	Prepare and connect refrigeration tubing and fittings
VU22669	Perform energy sector installations of extra low voltage (ELV) single path circuits

*Units require UEENEEE101A to be completed before commencing.

Full information can be found here: https://www.vic.gov.au/department-accredited-vet-courses

PATHWAYS AT VU POLYTECHNIC

22499VIC Certificate II in Electrotechnology (Pre-vocational)	→	UEE30820 Certificate III in Electrotechnology Electrician	→	UEE43220- Certificate IV in Industrial Automation and Control	→	UEE50420 Diploma of Electrical Engineering	→	UEE62120 Advanced Diploma of Engineering Technology - Electrical

*UEE30820 Certificate III in Electrotechnology Electrician is an apprenticeship and requires an employer and Training Contract.

**FOR FURTHER COURSE INFORMATION PHONE 1300 82 33 87
OR VISIT VUPOLYTECHNIC.EDU.AU**

NATIONALLY RECOGNISE TRAINING