

Course Code & Name:		Certificate II in Electrotechnology Studies (Pre-Vocational) (Specialising in Electrical) 22499VIC Current
Course Aims:		A state accredited curriculum that offers students the opportunity to develop their skills and knowledge across a range of electrical sectors, including electrical, electronics, refrigeration and mechanical engineering. This hands-on pre-apprenticeship will give you a broad understanding of the electrical industry, learning how to use tools, electrical wiring and equipment of the trade. On completion of this Certificate II pre-apprenticeship, you will receive a White Card enabling you to work safely on a building site. This will give you a better standing when applying for an apprenticeship with an employer.
Course Delivery	Location and Times:	Please note: this course is only available to Year 11 and 12 students. Year 1: Box Hill Institute, Elgar Campus – 465 Elgar Road, Box Hill Wednesday 1:30pm-5:30pm Box Hill Institute, Lilydale Lakeside Campus – 1, Jarlo Dr, Lilydale Wednesday 1:30pm-5:00pm Year 2: Box Hill Institute, Elgar Campus – 465 Elgar Road, Box Hill Wednesday 1:30pm-5:30pm Box Hill Institute, Lilydale Lakeside Campus – 1, Jarlo Dr, Lilydale Wednesday 1:30pm-5:00pm
	Mode of Delivery:	Classroom/workshop based
	Duration:	2 years' part time

On successful completion of this program the student will achieve:

Credit towards VCE/VCAL	VCE:	On successful completion of this program, you will be eligible for: <ul style="list-style-type: none"> Recognition of three units at Units 1 and 2 level and a Unit 3 and 4 sequence Students who receive a Units 3 and 4 sequence for VCE VET Electrical Industry will be eligible for an increment towards their ATAR (10% of the lowest of the primary four scaled studies). The VCE VET Electrical Industry program does not offer scored assessment.
	VCAL:	This program contributes to the Industry Specific Skills Strand and Work Related Skills Strand of VCAL.
	Qualification:	A Victorian recognised qualification: 22499VIC - Certificate II in Electrotechnology (Pre-Vocational)

Additional Requirements/ Information:	Name of RTO & Provider of Qualification:	Box Hill Institute RTO: 4687
	RTO Student Information:	Please refer to http://www.boxhill.edu.au/for-students/student-information/ and www.mullumvetcluster.com.au for student rights and responsibilities whilst on campus.
	OHS / Personal Protective Equipment:	P.P.E (Personal Protection Equipment) required. Boot, overalls, safety glasses.
	Excursions:	NA

	Work Placement:	The VCAA strongly recommend 80 hours of structured workplace learning (SWL) placement over the duration of the program.
	Other:	NA

Units of Competency:

Year 1: Competencies covered in the first year:

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
CPCWHS1001	Prepare to work safely in the construction industry	6	C
HLTAID003	Provide first aid	18	C
UEENEEE101A	Apply occupational health and safety regulations, codes and practices in the workplace	20	C
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40	C
UEENEEE103A	Solve problems in ELV single path circuits	40	C
UEENEEE105A	Fix and secure electrotechnology equipment	20	C
UEENEEJ104A	Establish the basic operating conditions of air conditioning systems	20	C
VU22333	Perform intermediate engineering computations	40	C
Total nominal hours		204	

Year 2:

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
VU21544	Install a sustainable extra low voltage energy power system	30	C
VU22670	Provide an overview of the electrotechnology industry	30	C
VU22671	Use test instruments in the electrotechnology industry	20	C
VU22672	Carry out basic electrotechnology project	40	C
VU22673	Carry out basic network cabling for extra low voltage (ELV) equipment	30	C
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 volt supply	20	E
UEENEEE141A	Use of routine equipment/plat/technologies in an energy sector environment	60	E
UEENEEP026A	Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	20	E
Total nominal hours		250	

FUTURE PATHWAYS & OPPORTUNITIES	Complementary studies:	<ul style="list-style-type: none"> TBA
	Pathways:	<ul style="list-style-type: none"> Certificate III (Apprenticeship) in your chosen field Certificate III in Electrotechnology Certificate III in Appliance Service
	Possible Future Career Opportunities:	<ul style="list-style-type: none"> Apprentice Electrician

