

Course Code & Name:		Certificate II in Electrotechnology Studies (Pre-vocational) 22499VIC Current for 2020
Course Aims:		The Certificate II in Electrotechnology Studies aims to equip learners with the knowledge and skills to seek employment in the Electrical Industry. It aims to provide students with general knowledge and skills relating to the electrical industry. This Certificate II in Electrotechnology may lead to an apprenticeship and/or provide a progression to Certificate III or IV in other electrotechnology fields.
Course Delivery	Location and Times:	Year 1: St Joseph's College, 5 Brenock Park Drive, Ferntree Gully Thursday 1:30pm – 5:30pm (Students need to have completed Year 1 to apply for this course.) Year 2: St Joseph's College, 5 Brenock Park Drive, Ferntree Gully Thursday 8:00am-12:30pm (Students need to have completed Year 1 to apply for this course.)
	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:	Up to 5 units, 3 at units 1 & 2 level and a units 3 & 4 sequence.
	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 (at the completion of two years study)

Additional Requirements/ Information:	Name of RTO & Provider of Qualification:	St Joseph's College RTO: 21710
	RTO Student Information:	Please refer to http://www.swinburne.edu.au/policies-regulations/ and www.mullumvetcluster.com.au for student rights and responsibilities whilst on campus.
	OHS / Personal Protective Equipment:	Steel capped boots and work pants required. Polo and jumper provided.
	Excursions:	NA
	Work Placement:	A work placement is not required but 80 hours of structured workplace learning over the duration of the program, is strongly recommended.
	Other:	Please note this course is subject to change.

Units of Competency:

Year 1: Competencies covered in the first year:

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
CPCCWHS1001	Prepare to work safely in the construction industry	6	C
HLTIAD003	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
VU22670	Provide an overview of the electrotechnology industry	30	C
UEENEEE141A	Use of routine equipment plant technologies in an energy sector environment	60	E
Total nominal hours		234	

Year 2: Competencies covered in the second year:

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
UEENEEJ104A	Establish the basic operation conditions of air conditioning services	20	C
VU22333	Perform intermediate engineering computations	40	C
VU21544	Install a sustainable extra low voltage energy power system	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 and devices	30	C
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 volt supply	20	E
Total nominal hours		200	

FUTURE PATHWAYS & OPPORTUNITIES	Complementary studies:	<ul style="list-style-type: none"> Mathematical Methods Physics
	Pathways:	<ul style="list-style-type: none"> Certificate III in Electrotechnology (Electrical Apprenticeship) Certificate IV in Electrotechnology
	Possible Future Career Opportunities:	<ul style="list-style-type: none"> Electrical Engineering Electrician

