electrotech (career start)

Swinburne University of Technology - Wantirna

Course Code & Name:		**Certificate II in Electrotechnology (Career Start)** **UEE22011** Current for 2020
Course Aims:		The Career Start program aims to equip students with the knowledge and skills that will enhance their employment prospects in the electrical or related industries. It is also packaged to provide the underpinning knowledge and essential skills required to commence an electrical apprenticeship.
Course Delivery	**Location and Times:**	**Year 1:** Swinburne University of Technology, 369 Stud Road, Wantirna Wednesday 8:00am-12:00pm **OR** Wednesday 1:00pm-5:00pm Friday 8:00am – 12:00pm (Availability of Friday group is dependent on student numbers.) Swinburne University of Technology,12-50 Norton Road, Croydon Wednesday 8:00am-12:00pm **OR** Wednesday 1:00pm-5:00pm **Year 2:** Swinburne University of Technology, 369 Stud Road, Wantirna Wednesday 8:00am-12:00pm **OR** Wednesday 1:00pm-5:00pm Swinburne University of Technology,12-50 Norton Road, Croydon Wednesday 1:00pm-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:**	UEE22011 Certificate II in Electrotechnology: recognition of 2 units at level 1&2 and a 3-4 sequence https://www.vcaa.vic.edu.au/Pages/vet/programs/electricalindustry/vcevetelectricalindustry.aspx 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 primary four scaled studies). The increment is awarded by the Victorian Tertiary Admissions Centre (VTAC). Further information can be found on the VTAC website: http://www.vtac.edu.au/ The VCE VET Electrical Industry program does not offer scored assessment.
	VCAL:	This program contributes to the Industry Specific Skills Strand of VCAL.
	Qualification:	A nationally recognised qualification: **UEE22011 Certificate II in Electrotechnology (Career Start)**

Additional Requirements/ Information:	**Name of RTO & Provider of Qualification:**	Swinburne University of Technology *(TOID 3059)*
	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:	Students must wear suitable attire as is used in the construction workplace environment (leather work boots and workpants). No jewellery is allowed. A Casio FX-82AU scientific calculator is required
	Excursions:	NA
	Work Placement:	A work placement is not required but is strongly recommended.
	Other:	**Please note this course is subject to change.**

Units of Competency:

Year 1: Competencies covered in the first year:

 # Pre-requisite for all Year 1 competencies

+ These units are pre-requisite for enrolment into 2nd year. Students who do not complete/pass these units will be ineligible to enrol in the 2ndyear of the program.

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
# UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace	20	C
CPCCOHS1001A	Work safely in the construction industry	6	E
HLTAID001A	Provide cardiopulmonary resuscitation	4	E
UEENEED101A	Use computer aided applications relevant to a workplace	20	E
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40	E
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector	20	C
UEENEEE104A	Solve problems in d c circuits	80	C
	Total Hours	**190**	

Year 2: Competencies covered in the second year

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
UEENEEE104A	Solve problems in d c circuits	80	C
UEENEEE141A	Use of routine equipment plant technologies in an energy sector environment	60	C
UEENEEE179A	Identify and select components, accessories and materials for energy sector work activities	20	C
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector	20	C
	Total nominal hours	**180**	

FUTURE PATHWAYS & OPPORTUNITIES	**Complementary studies:**	• Mathematical Methods • Physics
	Pathways:	• Certificate III in Electrotechnology (Electrical Apprenticeship) • Certificate IV in Electrotechnology
	Possible Future Career Opportunities:	• Electrician • Electrical Engineering