

# electrotech (career start)

<b>Course Code &amp; Name:</b>		<b>Certificate II in Electrotechnology (Career Start) UEE22011</b>  Current for 2021
<b>Course Aims:</b>		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.
<b>Course Delivery</b>	<b>Location and Times:</b>	<b>Year 1:</b> Swinburne University of Technology, 369 Stud Road, Wantirna Wednesday 8:00am-12:00pm <b>OR</b> Wednesday 1:00pm-5:00pm Swinburne University of Technology, 12-50 Norton Road, Croydon Wednesday 8:00am-12:00pm <b>OR</b> Wednesday 1:00pm-5:00pm <b>Year 2:</b> Swinburne University of Technology, 369 Stud Road, Wantirna Wednesday 8:00am-12:00pm <b>OR</b> Wednesday 1:00pm-5:00pm Swinburne University of Technology, 12-50 Norton Road, Croydon Wednesday 1:00pm-5:00pm
	<b>Mode of Delivery:</b>	Classroom/workshop based
	<b>Duration:</b>	2 years' part time

## On successful completion of this program the student will achieve:

<b>Credit towards VCE/VCAL</b>	<b>VCE:</b>	Be eligible for up to four units of credit towards their VCE: two units at Units 1 and 2 level and a Units 3 and 4 sequence. Students who receive a Units 3 and 4 sequence will be eligible for an increment towards their ATAR (10% of the lowest study score of the primary four scaled studies).
	<b>VCAL:</b>	This program contributes to the Industry Specific Skills Strand of VCAL and may also contribute to the Work Related Skills Strand of VCAL.
	<b>Qualification:</b>	Be eligible for the award of <b>UEE22011 Certificate II in Electrotechnology (Career Start)</b>

<b>Additional Requirements/ Information:</b>	<b>Name of RTO &amp; Provider of Qualification:</b>	Swinburne University of Technology (TOID 3059)
	<b>RTO Student Information:</b>	Please refer to <a href="http://www.swinburne.edu.au/policies-regulations/">http://www.swinburne.edu.au/policies-regulations/</a> and <a href="http://www.mullumvetcluster.com.au">www.mullumvetcluster.com.au</a> for student rights and responsibilities while on campus.
	<b>OHS / Personal Protective Equipment:</b>	Students are required to wear worksite appropriate clothing such as overalls and safety work boots (steelcapped). A Casio FX-82AU scientific calculator is also required.
	<b>Excursions:</b>	NA
	<b>Work Placement:</b>	A work placement is not required but is strongly recommended.
	<b>Other:</b>	<b>Please note this course is subject to change.</b>

## Units of Competency:

**Year 1:** Competencies covered in the first year:

**# Pre-requisite for all Year 1 competencies**

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
UEENED101A	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
<b>Total nominal hours</b>		<b>190</b>	

**Year 2:** Competencies covered in the second year

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
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
UEENEEE148A	Carry out routine work activities in an energy sector environment	40	C
UEENEEE105A	Fix and secure electrotechnology equipment	20	E
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications	40	E
<b>Total nominal hours</b>		<b>180</b>	

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

