

# electrotech (career start)

<b>Course Code &amp; Name:</b>		<b>Certificate II in Electrotechnology (Career Start) UEE22011</b> (Please note the code and title of this qualification is subject to change for 2022)  Current for 2022
<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. Successful completion of this course may lead to an apprenticeship or provide progression to a Certificate III or IV in other electrotechnology fields.
<b>Course Delivery</b>	<b>Location and Times:</b>	<b>Year 1:</b> Swinburne University of Technology, 369 Stud Road, Wantirna Wednesday 8:00am-4:00pm <b>OR</b> Wednesday 1:00pm-5:00pm (plus a one-week block in Term 2 break) <b>OR</b> Friday 8:00am-4:00pm Swinburne University of Technology, 12-50 Norton Road, Croydon Wednesday 8:00am-4:00pm <b>OR</b> Wednesday 1:00pm-5:00pm (plus a one-week block in Term 2 break) <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/Online
	<b>Duration:</b>	2 years' part time

## On successful completion of this program, students will:

<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. <b>ATAR:</b> Students who receive a Units 3 and 4 sequence may be eligible for an increment towards their ATAR (10% of the lowest study score of the primary four scaled studies).
	<b>VCAL:</b>	Meet the requirements for 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 ( <i>TOID 3059</i> )	
	<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>Clothing and Equipment:</b>	<ul style="list-style-type: none"> <li>• Steel cap work boots</li> <li>• Full length pants</li> <li>• Shirt or t-shirt (NO singlets)</li> </ul>	<ul style="list-style-type: none"> <li>• Scientific calculator</li> <li>• Pencil case with pens, pencils and erasers</li> <li>• Exercise book</li> </ul>
	<b>Excursions:</b>	NA	
	<b>Work Placement:</b>	Not required but is recommended.	
	<b>Other:</b>	(Please note the code and title of this qualification is subject to change for 2022)	

## 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
UEENEEE148A	Carry out routine work activities in an energy sector environment	40	C
UEENEEE105A	Fix and secure electrotechnology equipment	20	E
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components	40	E
UEENEEE141A	Use of routine equipment/plant/technologies in an energy sector environment	80	C
UEENEEE179A	Identify and select components, accessories and materials for energy sector work activities.	20	C
<b>Total nominal hours</b>		<b>226</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	80	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>200</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 Electrician</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>



**trade**