



ELECTRICAL



UEE22020 Certificate II in Electrotechnology (Career Start) (Electrotechnology Pre-apprenticeship)

About this course

This two-year course is aimed at students looking to gain an apprenticeship to become an electrician. It leads directly into a Certificate III trade qualification, and you will gain credit for completed competencies. With a large work placement component, you will gain hands-on experience in the electrotechnology field.

You will learn to apply OHS practices in the workplace; carry out routine activities in an electrotechnology environment; identify and select components, accessories, and materials for work activities; participate in environmentally sustainable work practices; solve problems in extra-low voltage single path circuits and in multiple path DC circuits; and use equipment/plant/technologies.

You will also learn to deliver a service to customers; maintain documentation; provide basic instruction in the use of electrotechnology apparatus and use basic computer applications.

Pathways

UEE30820 Certificate III in Electrotechnology Electrician

Location

North Metropolitan TAFE - Balga campus | 18 Loxwood Road, Balga WA 6061

North Metropolitan TAFE's Balga campus is one of Western Australia's major training centres for the building and construction industries.

Our workshops are purpose built and, training with advanced equipment will give you the up-to-date skills and knowledge you need to succeed. Our lecturers are experienced and maintain close links with building and construction organizations so that training is industry relevant and opportunities for student involvement in real-life projects are available.

Day & time

This course is 54 weeks in duration and covers a total of 14 units, run on Tuesdays 8:00am to 3.45pm

Other requirements

- Personal Protective Equipment - steel cap safety boots, clear safety glasses, cotton drill shirt and pants, ear protection
- Specialised Safety Gloves must be purchased from Client Services at Balga Campus – approx. \$20
- An electrical training license (Will be completed at Balga Campus for approximately \$80)
- A non-programmable scientific calculator with instruction booklet (you will need to have an ENGINEERING SYMBOL FUNCTION on your calculator i.e., Engineering Notation Calculator)

Assessment procedures

A portion of the assessment will be via practical demonstration/observation and is supported with assignments and knowledge-based assessments.

Due dates

Due dates for activities, assessments and assignments will be advised by the lecturers.



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Year 1 units of competence

			Code
Core	UEECD0038	Provide solutions and report on routine electrotechnology problems	0BY48
Core	CPCWHS1001	Prepare to work safely in the construction industry	0DX74
Core	UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	0CA55
Elective	UEECD0019	Fabricate, assemble and dismantle utilities industry components	0BX42
Elective	UEECD0020	Fix and secure electrotechnology equipment	0BY81
Elective	UEEAS0004	Select electronic components for assembly	0CA79
Core	UEECD0021	Identify and select components, accessories and materials for energy sector work activities	0BZ48
Elective	UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	0CA00
Elective	HLTAID009	Provide cardiopulmonary resuscitation	0CD26
On-site work placement hours - first year			75 hrs

Year 2 units of competence

			Code
Core	UEECD0046	Solve problems in single path circuits	0CA07
Core	UEECD0052	Use routine equipment/plant/technologies in an energy sector environment	0CA54
Core	UEECD0009	Carry out routine work activities in an energy sector environment	0CC15
Elective	UEECD0034	Produce routine tools/devices for carrying out energy sector work activities	0CC37
Core	UEERE0021	Provide basic sustainable energy solutions for energy reduction in residential premises	0BX37
On-site work placement hours - second year			75 hrs

Dress requirements

Please refer to the Student Handbook which clearly outlines minimum dress standards, with the need to obtain a pair of safety glasses compliant with AS/NZS 1337 & 1338 and steel capped footwear compliant with AS/NZS 2210.

Student responsibilities

Please refer to the leaflet provided at the course commencement which outlines policies in relation to access, minimum dress standards, use of personal protective equipment, and compliance with safety signs, smoking, behaviour, and visitors.

Contact

For further information please contact:

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