

Electrotechnology

(Offered to Year 11 students)



UEE22020 CERTIFICATE II IN ELECTROTECHNOLOGY (CAREER START)

What it is

Electrotechnology is a science that deals with the practical application of electricity. Students learn about safety and basic skills to prepare them for an understanding of the industry. Students develop a variety of skills including fabrication and assembly, using routine equipment and technologies, solving problems with D.C circuits as well as applying the best practice Occupational Health and Safety regulations to everyday work.

Note: Acceptance into this program is subject to a Language, Literacy and Numeracy (LLN) review. A high level of numeracy is required for this program.

What you learn

The subjects (Units of Competency) are currently under review. Please expect engaging units to be delivered which will be confirmed later in 2023. The units are currently as follows:

FIRST YEAR

- ✓ Apply work health and safety regulations, codes and practices in the workplace (Prerequisite for rest of units) UEECD0007
- ✓ Prepare to work safely in the construction industry (White Card) CPCCWHS1001
- ✓ Carry out preparatory energy sector work activities. (Tools of the trade) UEECD0008
- ✓ Fix and secure electrotechnology equipment UEECD0020
- ✓ Fabricate, assemble and dismantle utilities industry components UEECD0019
- ✓ Carry out routine work activities in an energy sector environment UEECD0009

SECOND YEAR

- ✓ Solve problems in single path circuits UEECD0046
- ✓ Use routine equipment/plant/technologies in an energy sector environment UEECD0052
- ✓ Identify and select components, accessories and materials for energy sector work activities UEECD0021
- ✓ Attach cords and plugs to electrical equipment for connection to single phase 230 Volt supply UEERL0001
- ✓ Provide basic sustainable energy solutions for energy reduction in residential premises UEERE0021

Who you learn from

YOUR INDUSTRY EXPERT

Federation University Australia
RTO Code 4909

WHERE YOU LEARN

Federation TAFE
Building & Construction Training
Centre (SMB Campus), Grant
Street, Ballarat

WHEN

1st Year
Thursday 1.00pm to 6.00pm
Class size: 15 to 20 students
2nd Year
Tuesday 1.00pm to 6.00pm



Electricians have
great mathematical
skills

What you get

Upon successful completion of the program, students are eligible to obtain:

School recognition

Credit/Unit eligibility towards your relevant Senior Secondary Certificate. Check with your school for more details.

Workplace recognition

Statement of Attainment (List of the Units of Competency which have been successfully completed)

Your possible career/pathway

This partial program completion is a pathway to complete the full certificate. In the last five years, over 80% of graduating students commenced employment within the sector as apprentices in Certificate III in Electrotechnology.

Learn more

Complete the UEE22020 Certificate in Electrotechnology (Career start), Certificate III in Electrotechnology Electrician (UEE30811).

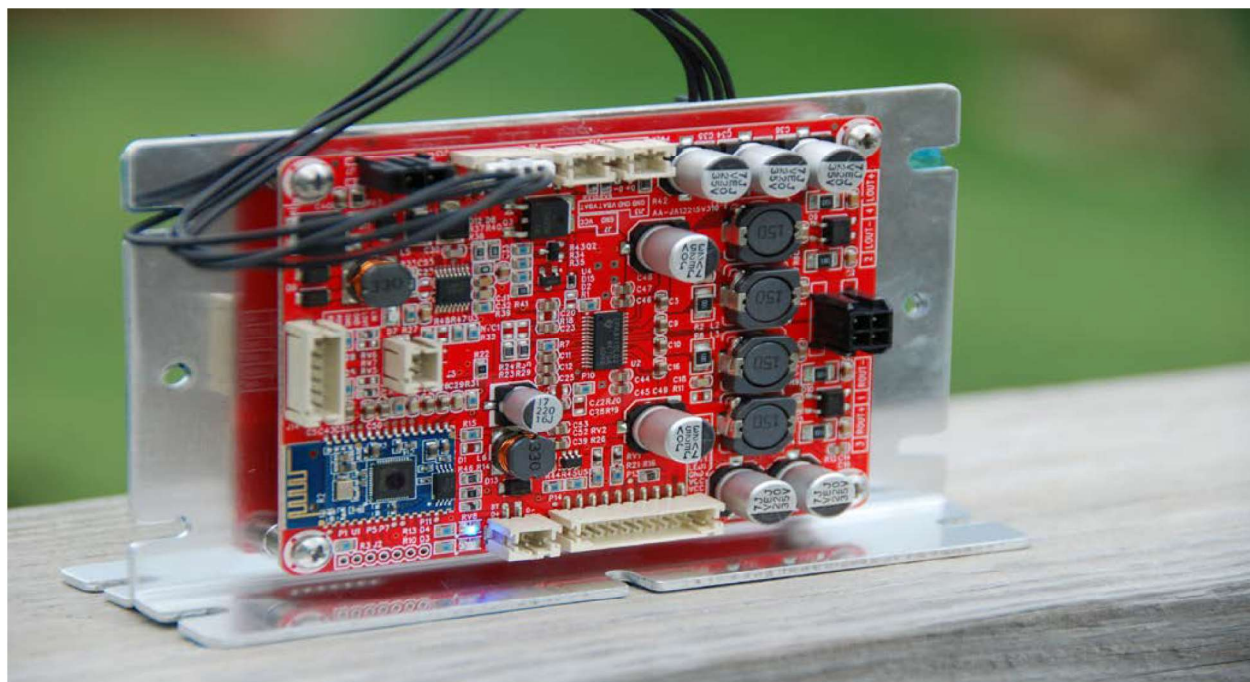
Further studies also available.

Employment

The program provides pathways in the following disciplines: Computer Systems, Data and Voice Communications, Electrical, Electronic, Instrument and Industrial Control, Rail Signalling, Refrigeration and Air Conditioning, Renewable and Sustainable Energy.

What the program looks/sounds like

Watch a **Get VET** video of a student explaining the program, by accessing <https://bit.ly/3eavlee>



Note: Program commencement subject to enrolment numbers. Units of Competency are subject to change. Check with your school VET Coordinator regarding costs and if this program is suitable for you. This training is delivered with Victorian and Commonwealth Government funding to eligible individuals. All details are accurate at the time of publication.

