

Electrotechnology

(Offered to Year 11 students)



UEE22020 CERTIFICATE II IN ELECTROTECHNOLOGY (CAREER START)

What it is

If you are great at maths and/or science, then this full day program may be suitable for you. Students learn about safety and basic skills to prepare them for an understanding of the electrotechnology industry.

Students develop knowledge and skills, including fabrication and assembly, using routine equipment and technologies, solving problems with D.C. circuits as well as applying the best practice safety practices to everyday work.

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

What you learn

You learn from the following subjects (Units of Competency):

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
- ✓ Provide solutions and report on routine electrotechnology problems UEECD0038

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 R, Room 907 & 909 (prac classes), Building & Construction Training Centre (SMB Campus), Grant Street, Ballarat

WHEN

1st Year

Thursday 9.00am to 3.00pm
(subject to change)

One full day required in Term 1 for CI card delivery

Class size: 12 to 18 students

2nd Year

Tuesday 9.00am to 3.00pm



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

1. Statement of Attainment (List of the Units of Competency which have been successfully completed)
2. UEE22020 Certificate II in Electrotechnology (Career Start) – once all units are satisfactorily completed

Your possible career/pathway

In the last five years, over 80% of graduating students commenced employment within the sector as apprentices in Certificate III in Electrotechnology.

Learn more

Certificate III in Electrotechnology Electrician (UEE30811).

Further studies/traineeships also available.

Employment

The program provides pathways into 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.

