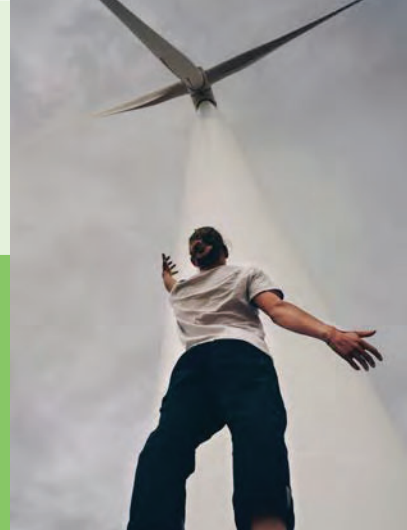


Renewable Energy Taster

Year 12 students only



UEE30820 - CERTIFICATE III IN ELECTROTECHNOLOGY ELECTRICIAN

What it is

This day-long program is an introduction to Renewable Energy.

Students learn about renewable energy technologies and cultural awareness, tower and wind farm construction, operations and maintenance and wind power blade repair. They learn about automotive zero to low emission vehicles (battery, electric, hybrid, and hydrogen fuel) and aviation's low emission aircraft manufacturing.

Possible excursions: aircraft/aviation, cars/automotive, wind farm construction and turbine blade anatomy.

The units below have been selected from a combination of industries including electrotechnology, engineering composites/fabrication trade and light vehicle mechanical technology, to enhance student learning.

What you learn

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

- ✓ Apply environmentally and sustainable procedures in the energy sector UEERE0001
- ✓ Safely use hand tools and hand-held power tools for general engineering applications VU23475
- ✓ Identify automotive electrical systems and components AURETR103
- ✓ Set up and use welding equipment AURVTW010
- ✓ Prepare to work safely in the construction industry CPCWHS1001
- ✓ Apply work health and safety regulations, codes and practices in the workplace UEECD0007
- ✓ Carry out routine work activities in an energy sector environment UEECD0009
- ✓ Provide cardiopulmonary resuscitation HLTAID009
- ✓ Perform rescue from a live low voltage panel UETDRMP007
- ✓ Identify and select components, accessories and materials for energy sector work activities UEECD0021

Who you learn from

YOUR INDUSTRY EXPERT

Federation University Australia
RTO Code 4909

WHERE YOU LEARN

Federation TAFE, Grant Street,
Ballarat

WHEN

Friday 9.00am to 2.30pm

Class size: 12 to 15 students



“The future is green energy, sustainability, renewable energy”

ARNOLD SCHWARZENEGGER

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 program provides significant advantages for pathways into apprenticeship programs with direct unit credits applying to Certificate III programs.

Learn more

UEE30820 Certificate III in Electrotechnology Electrician – completion

MEM31119 Certificate III in Engineering Composites

AUR30620 Certificate III in light vehicle mechanical technology

MEM31922 Certificate III in Engineering Fabrication Trade

Employment

This program gives students an introduction into many industries. After completion of this program students may work towards applying for apprenticeships/employment in the Renewable Energy sector.



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.

