



Certificate II in Engineering Studies

Course Code 22470VIC

The aim of this course is to provide pre-employment training and a pathway into the engineering, manufacturing or related industries. Specifically, a graduate of this course will be eligible to:

- Undertake a work-based traineeship or apprenticeship in a range of engineering, manufacturing or related areas
- Enrol in Certificate III courses in the engineering, manufacturing or related areas
- Seek entry-level employment in the engineering, manufacturing or related industries.

Contribution Towards VCE: VM

A certificate II or above VET Course is mandatory for students studying VCE:VM.

180 nominal hours or above
= 2 VET credits

Contribution Towards VPC

Every 90 nominal hours of VET
= 1 unit of credit.

Contribution Towards VCE

Students will be eligible for two or more units at Units 1 and 2 level and a Units 3 and 4 sequence.

ATAR Contribution

Students who receive a Units 3 and 4 sequence will be eligible for an increment towards their ATAR (10 per cent of the fourth study score of the primary four studies).

Units may include;

- Apply principles of Occupational Health and Safety in work environment MEM13014A
- Apply basic fabrication techniques VU22332
- Use hand tools MEM18001C
- Use power tools/hand held operations MEM18002B
- Perform metal fabrication operations VU22336
- Report on a range of sectors in the manufacturing, engineering and related industries VU22329
- Select and interpret drawings and prepare three dimensional (3D) sketches and drawings VU22330
- Perform basic machining processes VU22331
- Undertake a basic engineering project MEMPE006A
- Perform intermediate engineering computations VU22333
- Perform basic welding and thermal cutting processes to fabricate engineering structures VU22337

PPE & Other Equipment

Safety boots, cotton only long pants and long sleeve shirts required. More information on Induction Day

Possible Study Pathways

- Certificate III Apprenticeship
- Certificate IV post trade
- Diploma

Potential Career Paths

- Engineering Trades-person – Metal Fabrication
- Forging
- Founding
- Structural Steel Erection
- Electroplating
- Metal Spinning
- Metal Polishing
- Sheet Metal Work

Program Structure

2 years

Location

Federation TAFE - Wimmera Campus

Contact Days/Hours

Wednesdays 9.20am to 3.20pm

RTO

Federation University Australia
RTO Code - 4909

Contact - Kim Boulton
Federation TAFE, Wimmera Campus

Materials Fee

Paid by DE for Gov funded students. Independent/Catholic students to discuss with your school

School to Work

A minimum of 40 hours work placement is recommended.

Scored Assessment Available

Yes

National Accreditation



Note: Program commencement subject to enrolment numbers. Units of Competency are subject to change. This training is delivered with Victorian and Commonwealth Government funding to eligible individuals. All details are accurate at the time of publication.