

RECOGNITION

On completion of this program, students are entitled to four VCE VET Units on their VCE Statement of Results. Two units are at a unit 1 & 2 level and two units are at unit 3 & 4 level. Students interested in the contribution of the ATAR score to their VCE should speak to their Careers Counsellor.

This program is suitable for the industry skills component of a VCE-VM course.

RECOMMENDATION

VCE STUDIES:

- Any Maths (units 1-2)



YARRA VALLEY VET CLUSTER

Billanook College

Healesville High School

Lilydale Heights College

Lilydale High School

Mooroolbark College

Mount Lilydale Mercy College

Mount Evelyn Christian School

Yarra Hill Secondary College

Upper Yarra Secondary College



RECOGNITION OF PRIOR LEARNING

Students who feel that they have previous education or work skills may apply to the VET Coordinator to have their current competencies assessed.

COMPLAINTS POLICY

Students who feel that they have been unfairly treated as part of their enrolment or enrolment procedure may apply to the VET Coordinator for an application to process their claim under the school/training provider's complaints policies and procedures.

22470VIC CERTIFICATE II IN ENGINEERING STUDIES



Current as at July 2023

Disclaimer: All effort has been made to ensure that the information contained in this brochure is correct at the time of publication. However the information in this brochure is subject to change.



AIMS

The main aim of the Certificate II in Engineering is to provide young people with the opportunity to gain basic training in the four main areas of engineering—**mechanical, production, fabrication, electrical**, - as a means of enhancing their prospects for employment as jobs become available and enable them to make better informed choices relating to their future careers.

COURSE COST:

Refer to information provided by your home school.

This course is conducted at:

Mount Lilydale Mercy College

First Year Only

Wednesdays

1:15pm to 5:00pm

Mount Lilydale Mercy College offers this course on behalf of Educational Living Pty. Ltd. RTO Number 01174. Certificates will be issued under the Educational Living Pty. Ltd. banner

Ranges TEC

Wednesdays

First Year & Second Year – 12:30pm – 5.00pm
UOCs vary for scored assessment

Ranges TEC offers this course on behalf of Mount Evelyn Christian School/Ranges TEC RTO Number 22559. Certificates will be issued under the Mount Evelyn Christian School/Ranges TEC banner

Certificate II in Engineering Studies

Course Outline for VET in the VCE

(Units may differ based on provider)

Unit One & Two Modules

- MEM13014A—Apply principles of Occupational Health & Safety in the work environment
- VU20909—Develop an individual career plan for the engineering industry
- VU20912—Perform basic machining processes
- VU20913—Apply basic fabrication techniques
- MEM16008—Interact with computing technology
- MEM16006—Organise & communicate information
- MEM18001—Use hand tools
- MEM18002—Use power tools/hand held operation

Unit Three & Four Modules

- MEM12024 – Perform computations
- MSMENV272 – Participate in environmentally sustainable work practices
- VU20910 –Produce basic engineering sketches and drawings
- VU20911 – Handle engineering materials
- MSS402040 – Apply 5S procedures
- VU20903—Produce basic engineering components and products using fabrication or machining
UOCs offered at Ranges TEC
- MEMPE006A Undertake a basic engineering project
- VU22334 Produce basic engineering components and products using fabrication and machining operations
- VU22333 perform intermediate engineering computations (Scored Assessment Only)
- MEM3001 1A Set up pneumatic circuits (Nin Scored Only)

POTENTIAL EMPLOYMENT/CAREER OPPORTUNITIES

A student who successfully completes the Certificate II in Engineering will have attained the necessary theoretical and practical skills required for entry level to the industry.

POTENTIAL EMPLOYMENT PATHWAYS

Apprenticeships in the Metal Manufacturing Industries, Maintenance Engineer, Aircraft Mechanic, Drafting, Panel Beating, Welding, Vehicle Body maker.

PATHWAYS to TAFE

Certificates in Engineering, Automotive Studies, Avionics.

PATHWAYS to HIGHER EDUCATION

Some Diplomas articulate into Degrees in Engineering—mechanical, Building and Manufacturing.

There are a range of Engineering Degrees available in the disciplines, e.g. civil, materials, electrical and chemical engineering.

