

## 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 VCAL 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

Mountain District Christian School

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.



## VET IN THE SENIOR YEARS



## 22209VIC CERTIFICATE II IN ENGINEERING STUDIES

*Current as at June 2016*

**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

Wednesdays  
1:00pm 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 - 1:00pm – 5.30pm

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

### 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
- MEM16008A—Interact with computing technology
- MEM16006A— Organise & communicate information
- MEM18001C—Use hand tools
- MEM18002B—Use power tools/hand held operation

### Unit Three & Four Modules

- MEM12024A – Perform computations
- MSAENV272B – Participate in environmentally sustainable work practices
- VU20910 –Produce basic engineering sketches and drawings
- VU20911 – Handle engineering materials
- MSS402040A – Apply 5S procedures

### Elective unit

- VU20903—Produce basic engineering components and products using fabrication or machining

## 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.

## 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.

