

## Certificate II in Engineering Studies (22632VIC) (full completion)

### PROGRAM DESCRIPTION

The Certificate II in Engineering Studies program provides students with a solid foundation in the basic principles of engineering. This program provides students with increased opportunity to gain an apprenticeship in Fitting and Turning or Electrical and Metal Fabrication industries.

### WHO SHOULD APPLY?

Students considering advanced training in a broad range of engineering related fields.

It can lead onto apprenticeships and traineeships. People working in trades are in high demand and it's one of the biggest employment sectors in the country.

### PROGRAM STRUCTURE

2-year program

Delivered one afternoon

2<sup>nd</sup> Term School Holiday Block Training

### LOCATIONS

SWTAFE Portland Campus  
Cobden Trade Training Centre  
Timboon P-12 School

### SPECIAL REQUIREMENTS

PPE, cotton drill work wear, safety boots and hat or hairnet.

### PATHWAYS

Pathways include Certificate III in Engineering - Fabrication Trade, Certificate III in Engineering - Mechanical Trade, Certificate IV in Engineering or Diploma of Engineering.

### WORK PLACEMENTS

The VCAA strongly recommends a minimum of 80 hours of work placement for this program.

### CONTRIBUTION TO THE VCE

Students undertaking this VET DSS program through the VCE stream are eligible for credit of up to four VCE VET units on their VCE Statement of Results: two units at Unit 1-2 level and a Unit 3-4 sequence.

Students have the option to undertake scored assessment, and the study score can be fully counted as one of the student's best four studies for ATAR purposes, or will count as a fifth or sixth study increment, if it is not one of the student's four highest scores.

Students undertaking this VET DSS program through the VCE Vocational Major stream will need to complete a minimum of 180 nominal hours of a VET DSS program over a 2-year period.

### BENEFITS

- Completion of both VCE and VET certificates
- Possible credits from other TAFE courses
- Opportunity to undertake work placement
- Accredited entry level for other TAFE and university courses
- Pathways to further training

WOULD YOU  
LIKE TO APPLY?



# VET DELIVERED TO SECONDARY STUDENTS

## 1<sup>st</sup> year

Code	Units of Competency	Nominal Hours
VU23481	Apply occupational health and safety principles in an engineering environment	20
VU23475	Safely use hand tools and hand-held power tools for general engineering application	40
VU23477	Interpret and prepare basic two- and three-dimensional engineering drawings	30
VU23478	Perform basic machining processes	40
VU23479	Apply basic fabrication techniques	40
VU23476	Report on the sectors and employment in the manufacturing, engineering and related industries	20
Subtotal		190

## 2<sup>nd</sup> year

Code	Units of Competency	Nominal Hours
MEMPE006	Undertake a basic engineering project	80
VU23480	Perform intermediate engineering computations	40
VU23484	Perform metal fabrication operations	40
Subtotal		180
TOTAL		425

Units of competency may change without notice