

## VET IN SCHOOLS (VETiS) PROGRAM

# MEM20422 CERTIFICATE II IN ENGINEERING PATHWAYS

### What is VETiS?

Vocational education and training (VET) in Schools (VETiS) is the delivery of nationally recognised training to Queensland secondary school students, providing them with the skills and knowledge required for employment in specific industries.

### Qualification Details

The qualification MEM20422 Certificate II in Engineering Pathways provides students with an introduction to an engineering or related working environment.

Students gain skills and knowledge in a range of engineering and manufacturing tasks which will enhance their entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering-related workplace. Possible apprenticeship career pathways include:

- ✓ Engineering - Fabrication Trade (Boilermaking/ Welding)
- ✓ Engineering - Fabrication Trade (Sheetmetal working)
- ✓ Engineering - Mechanical Trade (Fitting and/or Turning)
- ✓ Engineering - Mechanical Trade (Machining)
- ✓ Engineering - Mechanical Trade (Diesel Fitting/Fixed & Mobile Plant Mechanic)

### Course Information

The Blue Dog Training VETiS program is a partnership between a student's school and Blue Dog Training for the delivery of the specified qualification.

Queensland secondary school students are enrolled as a student with Blue Dog Training and their qualification or statement of attainment is issued by Blue Dog Training.

Training and assessment are via Blue Dog Training's blended mode of delivery which comprises both on-line training and face to face classroom-based training at the school workshop.

Blue Dog Training trainers and assessors attend the school on a structured basis throughout the school year.

### Course Duration

Commencing in Year 11 and delivered in the school workshops, during normal school hours as a part of the student's regular school timetable, the course is completed over a period of two (2) years.

A student can only participate in a Blue Dog Training VETiS program with the permission of their school.

### Funding and Eligibility

This qualification is funded by the Department of Trade, Employment and Training (DTET) through the Career Ready - VET in Schools (VETiS) program, which provides eligible secondary school students with access to one (1) approved funded Career Ready – VET in Schools qualification while at school.

More information on government funding in the Career Ready VETiS program, can be accessed at:



In situations where a student is not eligible for Career Ready VET in Schools (VETiS) funding, under the DTETs funding arrangements, Blue Dog Training offers fee-for-service enrolments at a cost of \$1,200.

Please refer to the Blue Dog Training Website for information on our refund policy.



## MEM20422 Certificate II in Engineering Pathways

To achieve this qualification, a student must demonstrate competency in 12 units of competency as follows:

- ✓ Four (4) core units of competency and
- ✓ Eight (8) elective units of competency.

### Core

MEM13015	Work safely and effectively in manufacturing and engineering
MEMPE005	Develop a career plan for the engineering and manufacturing industries
MEMPE006	Undertake a basic engineering project
MSMENV272	Participate in environmentally sustainable work practices

### Elective

*MEM11011*	Undertake manual handling
*MEM16006*	Organise and communicate information
*MEM16008*	Interact with computing technology
*MEM18001*	Use hand tools
*MEM18002*	Use power tools/hand held operations
MEMPE001	Use engineering workshop machines
MEMPE002	Use electric welding machines
MEMPE007	Pull apart and re-assemble engineering mechanisms

### Notes

**\*Prerequisite units of competency** - An asterisk (\*) against a unit of competency code in the list above indicates there is a prerequisite requirement that must be met.

Prerequisite unit(s) of competency must be assessed before assessment of any unit of competency with an asterisk.

**More information** on this qualification is available at:

