



BLUEDOGTRAINING

## (MEM20413) CERTIFICATE II ENGINEERING PATHWAYS

This pre-vocational course in engineering provided through Blue Dog Training is recommended as a pre-apprenticeship pathway to an engineering trade qualification.

The Certificate II in Engineering Pathways is essentially a two year practical course requiring students to become competent in skills necessary for entry into several engineering metal trades.

Throughout this course students undertake a range of practical projects to provide evidence of their competency within each of the units of study. Possible career pathways include:

- ✓ Boilermaker
- ✓ Fitter and Turner
- ✓ Diesel Fitter
- ✓ Sheet Metal Worker
- ✓ Machinist

Blue Dog Training does not charge any fees for students to participate in this program. However, students cannot access funding for more than one (1) Employability Stream Course whilst at school. This is a funding requirement for Pre-Qualified Suppliers (PQS). Subsidies for VETiS are detailed in the Queensland Training Subsidies List.

Funding is provided by the Department of Employment, Small Business and Training for eligible students.



Call one of our industry-current trainers for more information

Accurate as at time of publication. For most recent updates, visit [www.bluedogtraining.com.au](http://www.bluedogtraining.com.au)

RTO No. 31193

### Course Details - MEM20413

#### Core Units

*MEM13014A - Apply principles of occupational health and safety in the work environment*

*MSAENV272B - Participate in environmentally sustainable work practices*

*MEMPE005A - Develop a career plan for the engineering and manufacturing industry*

*MEMPE006A - Undertake a basic engineering project*

#### Elective Units

*MEM16008A - Interact with computing technology*

*MEM16006A - Organise and communicate information*

*MEMPE003A - Use oxy-acetylene and soldering equipment or MEMPE007A - Pull apart and re-assemble engineering mechanisms*

*MEMPE002A - Use electric welding machines*

*MEMPE001A - Use engineering workshop machines*

*MSAPMSUP106A - Work in a team*

*MEM18001C - Use hand tools*

*MEM18002B - Use power tools/hand held operations*

#### Assessment

*This is a competency based course with most of the units using online theory and practical components covered through practical projects, activities or student demonstration. The students are assessed as either competent or not yet competent. Students may gain four (4) credit points towards their QCE.*

*To achieve this qualification, the candidate must demonstrate competency in all units.*