



MEM20422 Certificate II in Engineering Pathways



Course Description

This course delivers a range of engineering skills fundamental to a range of engineering career pathways. It also provides the student with the trade like skills and knowledge required of workers employed in a range of different engineering related fields.

The learning program will be centred around a student completing a major project, within the time frame of the program.

Achievement of competence in units MEM13015 Work safely and effectively in manufacturing and engineering, MSMSUP106 Work in a team, MEM16005 Organise and communicate information, MSMENV272 Participate in environmentally sustainable work practices, MEM18001 Use hand tools and MEM18002 Use power tools/hand held operations will provide credit towards a range of manufacturing and engineering trade and production qualifications.

Potential Career Pathways

Whilst the WA College of Agriculture-Morawa offers these courses in the context of skills needed in the agricultural field, there are a number of potential career pathways available through this course –

- Engineering Apprentice
- Trade Assistant, Boilermaker
- Sheet Metal Worker
- Mechanical Fitter
- Fitter Machinist
- Diesel Fitter

Costs

Costs are outlined further on the Information Tab.

Skills/Units

Upon completion of this course, you will have completed the following 12 units of competency:

MEM13015	Work safely and effectively in manufacturing and engineering
MEM16005	Organise and communicate information
MEM11011	Undertake Manual Handling
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations
MEMPE001	Use engineering workshop machines
MEMPE002	Use electric welding machines
MEMPE004	Use fabrication equipment
MEMPE008	Undertake a basic engineering project
MSMSUP106	Work in a team
MSMENV272	Participate in environmentally sustainable work practices
MEMPE005	Develop a Career Plan for the engineering and manufacturing industry

Entry Requirements

There are no Entry Requirements for this course.

Students that have not achieved a Band 8 in their Year 9 NAPLAN will be required to sit the Department of Education OLNA (Online Literacy & Numeracy Assessment) to determine the appropriate student supports if required.

Further Information

For further information to www.training.gov.au