



# ENGINEERING

**Qualification:** MEM20422 Certificate II in Engineering Pathways

**RTO:** Axial Training (RTO No: 2437)

**Course Duration:** 12 Months / 1 day per week (during school term)

**QCE Points:** 4 QCE points available

## Career Pathway

This qualification delivers broad-based underpinning skills and knowledge in a range of engineering and manufacturing tasks which will enhance entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering-related workplace (fitting and turning, diesel fitting, welding, fabrication etc).

Achievement of competence in units *MEM13015 Work safely and effectively in manufacturing and engineering*, *MEM16006 Organise and communicate information*, *MSAENV272 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.

Achievement of competence in all of the other units will provide advanced progress towards reaching competence in units contained in other metal and engineering qualifications.

## Units of Competency

Effective: April 2024

Competency code	Competency title	Core / Elective
MEM13015	Work safely and effectively in manufacturing and engineering	Core
MEMPE005	Develop a career plan for the engineering and manufacturing industries	Core
MEMPE006	Undertake a basic engineering project	Core
MSMENV272	Participate in environmentally sustainable work practices	Core
MEM16006	Organise and communicate information	Elective
MEM18001	Use hand tools	Elective
MEM18002	Use power tools / hand held operations	Elective
MEMPE001	Use engineering workshop machines	Elective
MEMPE002	Use electric welding machines	Elective
MEMPE003	Use oxy-acetylene and soldering equipment	Elective
MEMPE007	Pull apart and re-assemble engineering mechanisms	Elective
MEM11011	Undertake manual handling	Elective

### Need further information?

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