

MEM20413 Certificate II in Engineering Pathways

Qualification description

This qualification applies to a learning and assessment environment where access to structured on-the-job learning in a workplace may not be available. This qualification is only for delivery in learning institutions.

Refer to training.gov.au for specific information about the qualification.

Entry requirements

There are no entry requirements for this qualification.

Duration and location

This is a one year course delivered in Years 11 and 12 on site at Kirwan State High School.

Course units

To attain a MEM20413 12 units of competency must be achieved:

Unit code	Title
MEM13014A	Apply principles of occupational health and safety in the work environment
MEMPE005A	Develop a career plan for the engineering and manufacturing industry
MEMPE006A	Undertake a basic engineering project
MSAENV272B	Participate in environmentally sustainable work practices
MEM16006A	Organise and communicate information
MEM18001C	Use hand tools
MEMPE004A	Use fabrication equipment
MEM18002B	Use power tools/hand held operations
MEMPE001A	Use engineering workshop machines
MEMPE002A	Use electric welding machines
MSMSUP106 A	Work in a team
MEM16008A	Interact with computing technology

RTO obligation

The RTO guarantees that the student will be provided with every opportunity to complete the qualification. We do not guarantee employment upon completion of this qualification.

Students who are deemed competent in all 12 units of competency will be awarded a Qualification and a Record of Results.

Students who achieve at least one unit of competency (but not the full qualification) will receive a Statement of Attainment.

Delivery modes

A range of delivery modes will be used during the teaching and learning of this qualification. These include:

- face-to-face instruction
- guided learning

Fees

All fees are published on Kirwan State High Schools VET subject selection form

Assessment

Assessment is competency based and completed in a simulated engineering environment.

Units of competency are clustered through projects and assessed in this way to replicate what occurs in a engineering workshop as closely as possible.

Assessment techniques include:

- observation
- questioning
- projects
- written and practical tasks.

Work placement

Students are provided with the opportunity to do structured workplace learning in a range of Engineering Workshops

Pathways

This qualification may articulate into: This qualification delivers broad-based underpinning skills and knowledge in a range of engineering and manufacturing tasks which will enhance the graduates' entry-level employment prospects for apprenticeships, traineeships or general employment in an engineering-related workplace.

See other qualifications at training.gov.au.