

MSM20216 Certificate II in Manufacturing Technology

Qualification description

The MSM20216 Certificate II in Manufacturing Technology applies to a learning and assessment environment where access to normal production operations is not available. A typical environment will be for application in a VET in Schools delivery environment or other simulated or trial manufacturing environment where a high degree of supervision exists. The units are suitable for delivery in a school environment and for schools to contextualise the units to local manufacturing industry activities.

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 Year 10 on site at Kirwan State High School.

Course units

To attain a MSM20216 10 units of competency must be achieved:

Unit code	Title
MSMWHS200	Work Safely
MSS402001	Apply competitive systems and practices
MSS402051	Apply quality standards
MSMENV272	Participate in environmentally sustainable work practices
MSS402080	Undertake root cause analysis
MSMPC11295	Operate manufacturing equipment
MSMPC11296	Make a small furniture item from timber
MSMPC11298	Make an object from metal
MSMPC11299	Make an object from plastic
MSS402002	Sustain process improvements

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 10 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 Manufacturing environment.

Units of competency are clustered through projects and assessed in this way to replicate what occurs in Manufacturing environment 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, construction 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.