



**Australian Government**

# **MSM20216 Certificate II in Manufacturing Technology**

**Release 2**

# **MSM20216 Certificate II in Manufacturing Technology**

## **Modification History**

Release 2. Imported units updated to current versions. Equivalent.

Release 1. Units updated. Supersedes and is equivalent to MSA20208 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.

## **Entry Requirements**

There are no entry requirements for this qualification.

## Packaging Rules

To be awarded the MSM20216 Certificate II in Manufacturing Technology, competency must be achieved in **ten (10)** units of competency:

- **five (5)** core units of competency
- **five (5)** elective units of competency, chosen as described below:
  - a minimum of **one (1)** unit must be selected from each of Group A and B
  - the remaining **three (3)** electives may be chosen from Groups A, B and C, with a maximum of **two (2)** from Group C

**Note:** that the manufacturing technology units coded MSMPCCI (in Group B) are designed for use only in a Pathways qualification or Skill Set. They should not be used in other instances as replacements for units that have direct job outcomes.

### Core units of competency

Unit code	Unit title
MSMENV272	Participate in environmentally sustainable work practices
MSMWHS200	Work safely
MSS402001	Apply competitive systems and practices
MSS402051	Apply quality standards
MSS402080	Undertake root cause analysis
<b>ELECTIVE UNITS</b>	
<b>Group A - Manufacturing practice</b>	
Unit code	Unit title
MSS402002	Sustain process improvements
MSS402010	Manage the impact of change on own work
MSS402031	Interpret product costs in terms of customer requirements
MSS402050	Monitor process capability

**Group B - Manufacturing technology\***

MSMPCII295	Operate manufacturing equipment
MSMPCII296	Make a small furniture item from timber
MSMPCII297	Make an object from cloth using an existing pattern
MSMPCII298	Make an object from metal
MSMPCII299	Make an object from plastic

**Group C**

Up to **two (2)** elective units can be selected from other qualifications in this Training Package, other endorsed Training Packages and accredited courses where those units are packaged in a Certificate I or II.

**Qualification Mapping Information**

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**Links**

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>