



**Australian Government**

# **MSM10216 Certificate I in Manufacturing (Pathways)**

**Release 1**

## **MSM10216 Certificate I in Manufacturing (Pathways)**

### **Modification History**

Release 1. Units updated. Supersedes and is equivalent to MSA10107 Certificate I in Manufacturing (Pathways).

### **Qualification Description**

The MSM10216 Certificate I in Manufacturing (Pathways) is designed to develop skills that are essential for employment and skills that relate directly to a work activity as specified in the selected industry/technical unit.

The units selected must provide practical skills that are relevant and useful to the area in which the person hopes to gain employment or is currently working. The group of units should be chosen to support the project and should incorporate both the technical and employability skills needed for work.

Achievement of the MSM10216 Certificate I in Manufacturing (Pathways) will provide the student with a set of competencies that collectively open up pathways into employment and/or further study in the manufacturing industry.

### **Entry Requirements**

There are no entry requirements for this qualification.

## Packaging Rules

To be awarded the MSM10216 Certificate I in Manufacturing (Pathways), competency must be achieved in **nine (9)** units of competency:

- **three (3)** core units of competency
- **six (6)** elective units of competency, chosen as specified below:
  - **one (1)** unit of competency from Group A
  - **five (5)** units of competency from Group B, **three (3)** of which may be selected from this Training Package, other endorsed Training Packages and/or accredited courses, as specified below.

**Note:** The industry/technical units coded MSMPCII (in Group A) 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

Unit code	Unit title
MSMPCII01	Adapt to work requirements in industry
MSMPCII02	Apply effective work practices
MSMPCII03	Demonstrate care and apply safe practices at work
<b>ELECTIVE UNITS</b>	
<b>Group A - Industry/technical units*</b>	
Unit code	Unit title
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

<b>Group B - Other elective units</b>	
<b>Unit code</b>	<b>Unit title</b>
LMTCL2001B	Use a sewing machine
LMTCL2003B	Identify fibres and fabrics
LMTCL2006B	Press work
LMTCL2007B	Lay up, mark and cut uncomplicated fabrics and lays
LMTCL2008B	Finish garment production
MEM03001B	Perform manual production assembly
MEM05007C	Perform manual heating and thermal cutting
MEM05012C	Perform routine manual metal arc welding
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MSFFM1002	Operate basic woodworking machines
MSFFM2001	Use furniture making sector hand and power tools
MSFFM2002	Assemble furnishing components
MSFFM2003	Select and apply hardware
MSFFM2005	Join solid timber
MSFSF1001	Produce basic soft furnishings accessories
MSFSF2001	Cut single layer fabrics
MSMOPS100	Use equipment
MSMOPS101	Make measurements
MSMOPS102	Perform tasks to support production
MSMOPS244	Lay out and cut materials
PMBFIN201C	Finish products and components

PMBFIN205C	Hand decorate products
PMBPREP205C	Assemble materials and equipment for production
PMBPREP206C	Prepare materials to formulae
PMBPROD236C	Operate hand held air/power equipment for production processes
PMBPROD240C	Cut materials
<p>A maximum of <b>three (3)</b> relevant units can be selected from this Training Package, other endorsed Training Packages and accredited courses, where those units are packaged in a Certificate I or II.</p> <p>Any elective unit/s selected from another Training Package must relate to the core function/role of the selected industry/technical unit.</p>	

## Qualification Mapping Information

Release 1. Supersedes and is equivalent to MSA10107 Certificate I in Manufacturing (Pathways).

## Links

MSA Training Package Implementation Guides -  
[http://companion\\_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=29](http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=29)