

General Advice – Manufacturing Technology Qualifications

These qualifications have been developed to be delivered as part of a cadetship contract of training often called a Technology Cadetship. The units listed for all these qualifications are taken from a number of existing Training Packages. These units have been examined for suitability in a cadetship environment and repackaged to suit entry level technology based training in manufacturing.

Structure of Technology Cadetships

The Technology Cadetship related qualifications are very flexible qualifications with a minimum number of core units and specialisations that maximise flexibility. The electives have been chosen to give entry and operational skills in a wide range of manufacturing technology application areas. Each qualification consists of specialist options. Each stream indicates the units that may be taken in that particular specialisation. It is intended at a later date to add additional units and streams to the qualifications.

Technology Cadetship specialist streams

The streams available in the Manufacturing Technology qualifications offer a significant choice of electives. In MSA07v3.1, the streams available are:

Certificate III in Manufacturing Technology

- CAD/Drafting
- Manufacturing Operations
- Laboratory Operations
- Technical Officer
- Polymer Technology
- Metallurgy
- Structural Steel Detailing

Certificate IV in Manufacturing Technology

- CAD/Drafting
- Manufacturing Operations
- Laboratory Operations
- Technical Officer
- Polymer Technology

Diploma and Advanced Diplomas of Manufacturing Technology

- Polymer Technology
- Metallurgy
- Structural Steel Detailing

Reference to these specialisations may be included on any qualification statement that is issued. This could be achieved by adding the pathway descriptor below the formal title of the

qualification as shown in example 1 or by an additional sentence as shown in example 2 below.

Example 1

Certificate III in Manufacturing Technology
Manufacturing Operations

Example 2

Certificate III in Manufacturing Technology
Achieved through the Manufacturing Operations specialisation

It should also be noted that a person holding the Metal and Engineering Training Package Certificate III in Engineering – Technician will satisfy all of the requirements for a Certificate III in Manufacturing Technology, and with an additional five units of competency from the particular stream chosen will satisfy the requirements for a Certificate IV in Manufacturing Technology.

Qualification Pathways for Manufacturing Technology

The diagram below represents a model of the qualifications and pathways. Details are in the packaging rules for each qualification. Contact Manufacturing Skills Australia {www.mskills.com.au} for further details.

The polymer technology pathway is intended for people who plan to become polymer technicians, and who are not currently working as operators in the polymer industries. It is recommended that those who have already achieved a Certificate II from the Plastics, Rubber and Cablemaking Training Package would be better served by completing the Certificate III in Polymer Processing.

