



Australian Government

MSS80416 Graduate Diploma of Competitive Systems and Practices

Release 4

MSS80416 Graduate Diploma of Competitive Systems and Practices

Modification History

Release 4. One elective unit updated. Supersedes and is equivalent to MSS80416 Graduate Diploma of Competitive Systems and Practices (Release 3).

Release 3. Supersedes and is equivalent to MSS80416 Graduate Diploma of Competitive Systems and Practices (Release 2).

Release 2. Unit title updated. Supersedes and is equivalent to MSS80416 Graduate Diploma of Competitive Systems and Practices (Release 1).

Release 1. Supersedes and is equivalent to MSS80312 Graduate Diploma of Competitive Systems and Practices.

Qualification Description

The MSS80416 Graduate Diploma of Competitive Systems and Practices provides comprehensive professional development training and recognition for people exercising major leadership and accountability for change management functions in an organisation using lean principles and other competitive systems and practices.

This qualification provides advanced skills and knowledge in competitive systems and practices with an emphasis on development of the value chain competitive systems and of a supporting culture within an organisation. It builds on previously acquired skills and knowledge and applies to managers and technical experts responsible for implementing competitive systems and practices in an organisation or who are working in part of a value chain linked to an organisation implementing competitive systems and practices.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Entrants to the MSS80416 Graduate Diploma of Competitive Systems and Practices are required to have one or more of the following:

- MSS80316 Graduate Certificate in Competitive Systems and Practices
- a relevant Advanced Diploma or Diploma qualification
- a relevant Certificate IV qualification together with significant relevant vocational practice at a team leader/technical specialist role or higher in an organisation
- relevant extensive vocational practice without formal qualifications
- a relevant Bachelor Degree
- another higher education qualification, with relevant vocational practice.

A relevant qualification that would support entry to the MSS80416 Graduate Diploma of Competitive Systems and Practices should include aspects of administration, operations, office administration, logistics or manufacturing processes, including features such as productivity measurement, efficiency and effectiveness.

For the purposes of this qualification the term 'vocational practice' is defined as experience in an organisation implementing competitive systems and practices with responsibility for implementation for a team, area, site or part of the value chain of the organisation.

Packaging Rules

To be awarded the MSS80416 Graduate Diploma of Competitive Systems and Practices competency must be achieved in **eight (8)** elective units of competency, as specified below:

- a minimum of **two (2) units** of competency from Group A
- **three (3)** additional units of competency must be selected from either Group A or Group B
- the remaining **three (3)** units of competency may be selected from either Group A, Group B or Group C.

A maximum of **one (1)** Group C unit may be selected from other qualifications in this Training Package, other endorsed Training Packages and accredited courses where the unit is available at Diploma level or above. Registered Training Organisations (RTOs) should seek a determination from Innovation and Business Skills Australia (IBSA) Manufacturing regarding the suitability of any unit proposed for use in this qualification.

Note: Prerequisite units must be counted in the total number of units required for achievement of the qualification. Refer to individual units for details.

Elective Units of competency

Group A

Unit Code	Unit Title
MSS408001	Develop the competitive systems and practices approach
MSS408002	Audit the use of competitive tools
MSS408009	Develop models of future state operations practice
MSS408004	Develop the value stream
MSS408005	Develop knowledge systems and learning processes for an organisation
MSS408006	Develop and refine systems for continuous improvement in operations
MSS408007	Develop problem solving capability of an organisation
MSS408010	Analyse data for relevance to organisational learning

MSS408009	Develop models of future state operations practice
MSS408010	Analyse data for relevance to organisational learning

Group B

Unit Code	Unit Title
MSS407003	Analyse process changes
MSS407008	Capture learning from daily activities in an organisation
MSS407010	Improve visual management in the workplace
MSS407011	Manage benchmarking studies
MSS407014	Prepare for and implement change
MSS407015	Build relationships between teams in a operations environment
MSS407016	Lead a process to determine and solve root cause for a complex problem
MSS407017	Review continuous improvement processes
MSS407018	Review operations practice tools and techniques
MSS407019	Facilitate improvements in the internal value stream
MSS407020	Undertake a qualitative review of a process change
MSS407021	Respond to a major non-conformance
MSS407022	Facilitate improvements in the external value stream

Group C

Unit Code	Unit Title	Prerequisites
MSMENV672	Develop workplace policy and procedures for environmental sustainability	
MSS017009	Analyse and determine organisational risk areas in sustainability	
MSS017010	Determine process loss through mass or energy balancing	

MSS017011	Identify and respond to external sustainability factors for an organisation	
MSS017012	Lead sustainable strategy deployment	
MSS027014	Apply environmental legislation, codes and standards	
MSS405006	Develop a Balanced Scorecard	
MSS405007	Introduce competitive systems and practices to a small or medium enterprise	
MSS405008	Analyse and map a value stream	
MSS405009	Manage a value stream	
MSS405020	Develop quick changeover procedures	
MSS405022	Design a process layout	
MSS405023	Develop a levelled pull system for operations and processes	
MSS405024	Apply the theory of constraints	
MSS405030	Optimise cost of product or service	
MSS405031	Undertake value analysis of a product or process costs in terms of customer requirements	
MSS405032	Analyse cost implications of maintenance strategy	
MSS405033	Optimise office systems to deliver to customer demand	
MSS405040	Manage 5S system in an organisation	
MSS405052	Design an experiment	MSS404054 Apply statistics to operational processes
MSS405053	Manage application of six sigma for process control and improvement	MSS404054 Apply statistics to operational processes
MSS405054	Determine and improve process capability	MSS404054 Apply statistics to operational processes

MSS405081	Develop a proactive maintenance strategy	
MSS405082	Adapt a proactive maintenance strategy to the process operations sector	
MSS405083	Adapt a proactive maintenance strategy for a seasonal or cyclical business	
MSS405088	Plan, implement and monitor energy management	

Qualification Mapping Information

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Release 2. Supersedes and is equivalent to MSS80416 Graduate Diploma of Competitive Systems and Practices (Release 1).

Release 1. Supersedes and is equivalent to MSS80312 Graduate Diploma of Competitive Systems and Practices.

Links

The MSS Sustainability Companion Volume Implementation Guides are available from VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>