



Australian Government

MSS80316 Graduate Certificate in Competitive Systems and Practices

Release 4

MSS80316 Graduate Certificate in Competitive Systems and Practices

Modification History

Release 4. One elective unit updated. Supersedes and is equivalent to MSS80316 Graduate Certificate in Competitive Systems and Practices (Release 3).

Release 3. Qualification template updated. Qualification description simplified. Unit codes, names and prerequisites updated. Supersedes and is equivalent to MSS80316 Graduate Certificate in Competitive Systems and Practices (Release 2).

Qualification Description

This qualification reflects the role of individuals exercising leadership or change management functions in an organisation using lean principles and other competitive systems and practices.

This qualification provides specialised skills and knowledge in competitive systems and practices with an emphasis on value chain liaison and development of a supporting culture within an organisation. It builds on previously acquired skills and knowledge and applies to team leaders, 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, regulatory or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Entrants to the MSS80316 Graduate Certificate in Competitive Systems and Practices are required to have one or more of the following:

- a Certificate IV qualification or higher in competitive systems and practices, management, technical or related discipline
- work experience at a team leader or technical specialist role or higher in an organisation.

Packaging Rules

Total number of units = **Four (4)**

- **Four (4)** elective units, consisting of:
 - at least **three (3)** units from Group A
 - up to **one (1)** units from any endorsed Training Package or accredited course at Certificate IV or above.

All electives chosen must contribute to a valid, industry-supported vocational outcome.

Elective units of competency

Group A

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 an operations environment
MSS407016	Lead a process to determine and solve root cause for a complex problem
MSS407017	Review continuous improvement processes
MSS407018	Review use of competitive systems and practices tools
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
MSS408001	Develop the competitive systems and practices approach
MSS408002	Audit the use of competitive tools
MSS408010	Analyse data for relevance to organisation learning

Group B

Unit code	Unit title	Prerequisite unit
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 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	
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	
MSS408009	Develop models of future state operations practice	

Qualification Mapping Information

Release 4. Supersedes and is equivalent to MSS80316 Graduate Certificate in Competitive Systems and Practices (Release 3).

Release 3. Supersedes and is equivalent to MSS80316 Graduate Certificate in Competitive Systems and Practices (Release 2).

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>