



**Australian Government**

# **MSS40322 Certificate IV in Competitive Systems and Practices**

**Release: 1**

# MSS40322 Certificate IV in Competitive Systems and Practices

## Modification History

Release 1. Qualification code changed. Qualification description changed. Unit codes and titles updated. Packaging rules changed. Core units changed. Elective banks changed. Workplace outcome changed. Supersedes and is not equivalent to MSS40316 Certificate IV in Competitive Systems and Practices.

## Qualification Description

This qualification applies to team leaders or others who are responsible for facilitating and monitoring the implementation of competitive systems and practices to improve efficiency in a team or work area and own work role. Individuals apply broad knowledge and analytical skills to facilitate change and improve efficiency.

This qualification complements but does not duplicate qualifications which cover the specific operational or technical skills required in an industry or job role. The qualification is an add-on, or overlay, for a person who has existing skills in their work for example in production, logistics, administration, healthcare, maintenance, financial services, warehousing, agribusinesses or other industries or job roles.

Where the person does not hold those skills the appropriate qualifications from other Training Packages should be considered.

The qualification is not suitable for direct entry from school.

The skills in this qualification may be known under a variety of titles and use of these titles can be confusing. Some titles refer to manufacturing, which is the origin of many competitive systems and practices. Other titles refer to specific techniques and still others to approaches which apply a range of their own techniques and techniques adapted from other approaches. The titles may also reference each other, for example, lean manufacturing, lean six sigma, lean operations, agile project management and so on. These terms have changed over time and the practices are now being applied across a wide variety of industries.

Therefore 'Competitive Systems and Practices' is not an approach or system in its own right. It is a broad collective term intended to encompass the flexible application of various tools, techniques, systems and approaches that have synergies around continuous improvement, efficiency, business improvement or similar goals.

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

## Entry Requirements

Nil

## Packaging Rules

**Total number of units** = 12

- **3** core units
- **9** elective units, as specified below:
  - at least **2** units from Group A
  - at least **5** units from Group B
  - the balance of **2** units may be selected in any combination from:
    - Groups A, B or C
    - any endorsed Training Package qualification or accredited course at Certificate III, IV or Diploma level.

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

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

Core Units		
Unit Code	Unit Title	Prerequisites
MSS403003	Contribute to improvements in competitive systems and practices	
MSS403012	Facilitate change in a competitive systems and practices environment	
MSS403057	Map an operational process	

### Group A

Elective Units		
Unit Code	Unit Title	Prerequisites
MSS403008	Facilitate use of a Balanced Scorecard for performance improvement	
MSS403014	Facilitate team engagement with competitive systems and practices	
MSS403058	Facilitate breakthrough improvements	
MSS403081	Ensure process improvements are sustained	
MSS405018	Implement competitive systems and practices in a one-off or small batch environment	

<b>Elective Units</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Prerequisites</b>
MSS405047	Undertake analysis of cost and waste in terms of customer value	
MSS405078	Lead and manage people within competitive systems and practices	

## Group B

<b>Elective Units</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Prerequisites</b>
MSMENV472	Implement and monitor environmentally sustainable work practices	
MSMSUP390	Use structured problem-solving tools	
MSS403022	Facilitate a Just in Time system	
MSS403036	Identify product groups to inform improvement priorities	
MSS403037	Implement the visual workplace	
MSS403045	Facilitate and improve 5S	
MSS403056	Map an internal value stream	
MSS403059	Facilitate continuous improvement through the use of standardised procedures and practices	
MSS404001	Lead Agile processes	
MSS404051	Mistake proof a process	
MSS404055	Use DMAIC techniques	
MSS404056	Apply statistics to operational processes	
MSS404062	Facilitate the use of planning software systems in a work area or team	
MSS404063	Facilitate the use of SCADA systems in a team or work area	
MSS404080	Undertake process capability improvements	

MSS404088	Undertake proactive maintenance analyses	
MSS404089	Assist in implementing a proactive maintenance strategy	
MSS404090	Support proactive maintenance	
MSS405039	Implement and optimise levelled pull system	

## Group C

<b>Elective Units</b>		
<b>Unit Code</b>	<b>Unit Title</b>	<b>Prerequisites</b>
MSMENV672	Develop workplace policy and procedures for environmental sustainability	
MSMWHS200	Work safely	
MSS402032	Interpret cost and waste in terms of customer value	
MSS402084	Undertake root cause analysis	
MSS403009	Facilitate implementation of competitive systems and practices in a service environment	
MSS403026	Work within a constrained process	
MSS403082	Improve cost factors in work practices	
MSS405017	Develop business plans in an organisation implementing competitive systems and practices	
MSS405028	Develop a communications strategy to support operations	
MSS405056	Use three or six sigma processes to determine and improve process capability	MSS404056 Apply statistics to operational processes
MSS405065	Develop the application of enterprise control systems in an organisation	
MSS405066	Establish data collection and processing protocols	

## Qualification Mapping Information

No equivalent qualification.

## Links

Companion Volume implementation guides are found in VETNet -

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