



Australian Government

MSS70312 Graduate Certificate in Competitive Systems and Practices

Release: 1

MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices

Modification History

Initial release

Description

The MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices provides professional development training and recognition for people exercising leadership or change management functions in an organisation using lean principles and other competitive systems and practices.

Job roles/employment outcomes

The MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices provides specialised skills and knowledge as professional development for individuals who already have previous vocational training at AQF V or higher and/or work experience in competitive systems and practices at a team leader/technical specialist role or higher in an organisation.

Application

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.

The qualification provides professional development training for individuals who already have training and/or experience in competitive systems and practices. The qualification is not suitable for initial training in competitive systems and practices.

Pathways Information

The MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices has been particularly developed to offer a progression pathway for people who have one or more of the following:

- a Diploma or Advanced Diploma qualification in Competitive Systems and Practices
- a Diploma or Advanced Diploma qualification in Competitive Manufacturing
- a Certificate IV qualification in Competitive Systems and practices or a Certificate IV qualification in Competitive Manufacturing combined with relevant industry experience
- substantial industry experience at supervisory or managerial level in administration, operations, office administration, logistics or manufacturing processes, and prior exposure and experience with competitive systems and practices.

Pathways from the qualification

Further training from this qualification includes the MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices.

Licensing/Regulatory Information

There are no licensing implications for this qualification.

Entry Requirements

Entrants to the MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices are required to have one or more of the following:

- 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 at a team leader/technical specialist role or higher in an organisation
- a relevant Bachelor Degree
- another higher education qualification, with relevant vocational practice.

A relevant qualification that would support entry to the MSS70312 Vocational Graduate Certificate in 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.

Employability Skills Summary

The following table contains a summary of the employability skills as identified by manufacturing industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that reflect skill requirements for this level.

| Employability skill | Industry/enterprise requirements for this qualification include: |
|------------------------|---|
| Communication | <ul style="list-style-type: none"> • Consult with internal and external stakeholders on the implementation of change • Communicate processes and goals to managers, other employees and members of the value chain • Use interpersonal and language skills to encourage collaboration • Identify new improvement opportunities through discussion with team members |
| Teamwork | <ul style="list-style-type: none"> • Cultivate collaboration and participation in change processes • Meet with stakeholders to resolve problems • Establish support and ownership among stakeholders for future state objectives |
| Problem solving | <ul style="list-style-type: none"> • Collect, analyse and interpret data • Determine root causes of non-conformances |

| | |
|----------------------------------|--|
| | <ul style="list-style-type: none"> • Evaluate options for improvements to standardised work • Analyse effects of potential and actual equipment failures |
| Initiative and enterprise | <ul style="list-style-type: none"> • Ensure data collection and feedback mechanisms are established for all change implementation processes • Provide leadership during major non-conformances • Identify and implement process improvements • Use analytical and decision making skills to prioritise improvement activities • Adjust and implement production schedules changes |
| Planning and organising | <ul style="list-style-type: none"> • Identify data requirements to determine current and future states • Organise data collection systems • Establish team responsibilities for implementation of change • Plan change implementation strategy and identify risk factors |
| Self-management | <ul style="list-style-type: none"> • Manage own time and establish own work schedule • Monitor and evaluate own work quality • Maintain professional and ethical standards in own work • Comply with legislative requirements, codes of practice and organisational policies and procedures |
| Learning | <ul style="list-style-type: none"> • Identify opportunities for individual and organisational learning • Use feedback from others to establish improvement processes • Record learning according to organisational procedures • Ensure stakeholders are able to access and apply relevant knowledge/learning |
| Technology | <ul style="list-style-type: none"> • Analyse systems and technology implications of change options • Implement procedures to monitor and record equipment availability, performance and availability • Determine systems compatibility with other members of the value chain • Use record keeping equipment and programs |

Packaging Rules

To be awarded the MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices competency must be achieved in **four (4)** elective units of competency chosen as specified below:

- a minimum of **three (3)** units of competency from Group A
- **one (1)** additional unit of competency from Group A or Group B.

Units with prerequisites are marked with an asterisk*. Note that no Group A unit has prerequisite requirements. If a Group B unit with a prerequisite is selected, the prerequisite must be completed in prior study or additional to this qualification.

Group A

| Unit code | Unit title |
|------------|--|
| MSS407001A | Prepare for and implement change |
| MSS407002A | Review operations practice tools and techniques |
| MSS407003A | Analyse process changes |
| MSS407004A | Facilitate improvements in the internal value stream |
| MSS407005A | Undertake a qualitative review of a process change |
| MSS407006A | Build relationships between teams in an operations environment |
| MSS407007A | Respond to a major non-conformance |
| MSS407008A | Capture learning from daily activities in a organisation |
| MSS407009A | Facilitate improvements in the external value stream |
| MSS407010A | Improve visual management in the workplace |
| MSS407011A | Manage benchmarking studies |
| MSS407012A | Lead a problem solving process to determine and solve root cause |
| MSS407013A | Review continuous improvement processes |
| MSS408001A | Develop the competitive systems and practices approach |
| MSS408002A | Audit the use of competitive tools |
| MSS408008A | Analyse data for relevance to organisation learning |

Group B

| Unit code | Unit title | Prerequisites |
|------------|--|---------------|
| MSS408003A | Develop models of future state operations practice | |
| MSS408004A | Develop the value stream | |
| MSS408005A | Develop the learning processes of the operations organisation | |
| MSS408006A | Develop and refine systems for continuous improvement in operations | |
| MSS408007A | Develop problem solving capability of an organisation | |
| MSS405002A | Analyse and map a value stream | |
| MSS405003A | Manage a value stream | |
| MSS405006A | Develop a Balanced Scorecard | |
| MSS405007A | Introduce competitive systems and practices to a small or medium enterprise | |
| MSS405020A | Develop quick changeover procedures | |
| MSS405022A | Design a process layout | |
| MSS405023A | Develop a levelled pull system for operations and processes | |
| MSS405024A | Apply the theory of constraints | |
| MSS405030A | Optimise cost of product or service | |
| MSS405031A | Undertake value analysis of a product or process costs in terms of customer requirements | |
| MSS405032A | Analyse cost implications of maintenance strategy | |
| MSS405033A | Optimise office systems to deliver to customer demand | |
| MSS405040A | Manage 5S system in an organisation | |

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|--|---|---|
| MSS405050A | Determine and improve process capability | * |
| MSS405052A | Design an experiment | * |
| MSS405053A | Manage application of six sigma for process control and improvement | * |
| MSS405070A | Develop and manage sustainable energy practices | |
| MSS405081A | Develop a proactive maintenance strategy | |
| MSS405082A | Adapt a proactive maintenance strategy to the process operations sector | * |
| MSS405083A | Adapt a proactive maintenance strategy for a seasonal or cyclical business | * |
| MSS017001A | Analyse and determine organisational risk areas in sustainability | |
| MSS017002A | Determine process loss through mass balancing | |
| MSS017003A | Identify and respond to external sustainability factors for an organisation | |
| MSS017004A | Lead sustainable strategy deployment | |
| MSS027002A | Apply environmental legislation, codes and standards | |
| MSAENV672B | Develop workplace policy and procedures for environmental sustainability | |
| <p>The Group B elective unit may also be chosen from other qualifications in this Training Package, other endorsed Training Packages and accredited courses where that unit is available at Certificate IV level or above. Registered Training Organisations should seek a determination from Manufacturing Skills Australia regarding the suitability of any unit proposed for use in this qualification.</p> | | |

Custom Content Section

Not applicable.

