



Australian Government

MSS405034 Develop a Just in Time system

Release: 1

MSS405034 Develop a Just in Time system

Modification History

Release 1. Unit code changed. Application changed. Elements changed. Performance Criteria changed. Range of Conditions removed. Foundation Skills populated. Assessment Requirements changed. Workplace outcome changed. Supersedes and is not equivalent to MSS405021 Develop a Just in Time system.

Application

This unit describes the skills and knowledge required to plan and implement a Just in Time (JIT) system.

This unit applies to technical experts, team leaders, managers or others who have been given the authority to make changes to systems and processes in order to design, or re-design, and establish a complete JIT system.

This unit applies to any organisation that is implementing competitive systems and practices.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Competitive systems and practices

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Design the JIT system	1.1 Identify value chain members 1.2 Consult with internal and external value chain members 1.3 Identify current storage and/or inventory in value chain 1.4 Determine flow authorisation indicators 1.5 Determine minimum and maximum operations rate 1.6 Determine lead time for product or service 1.7 Determine number of units per Kanban 1.8 Draft workable procedures to implement JIT
2. Implement the JIT system	2.1 Consult with key internal stakeholders to develop solutions to JIT issues

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	2.2 Identify skill needs and ensure skills development, as needed, to support JIT implementation 2.3 Liaise with key external members of value chain to develop solutions to JIT issues 2.4 Develop implementation plan for JIT 2.5 Determine key measures of JIT
3. Monitor the JIT system	3.1 Monitor key measures of JIT 3.2 Regularly liaise with key stakeholders seeking areas for improvement 3.3 Identify areas in need of improvement
4. Embed JIT system	4.1 Establish mechanisms to ensure new systems and/or practices are communicated to relevant personnel 4.2 Ensure new systems and/or practices are reflected in relevant procedures 4.3 Ensure new systems and/or practices are reflected in future training and assessment 4.4 Establish mechanisms for review and improvement of JIT

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret workplace documentation
- Writing skills to document and/or review procedures
- Oral communication skills to consult with and inform a range of stakeholders across the value chain on JIT
- Numeracy skills to select and calculate key measures for JIT.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. No equivalent unit.

Links

Companion Volume Implementation Guides are found in VETNet – -

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

Assessment Requirements for MSS405034 Develop a Just in Time system

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- develop at least one complete JIT system and supervise its implementation.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- needs of internal and external value chain members
- principles of JIT
- methods to achieve JIT
- reasons for delays, storages and/or inventories in the value stream and methods of reducing or eliminating them
- methods of identifying and filling skill gaps
- key business objectives associated with implementing JIT
- principles of the operational processes relevant to the JIT implementation
- key measures and data relevant to the process and their application to JIT.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources
- modelling of industry operating conditions, including:
 - functioning competitive systems and practices environment.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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