



Australian Government

ICTICT617 Lead the evaluation and implementation of current industry specific technologies

Release: 1

ICTICT617 Lead the evaluation and implementation of current industry specific technologies

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to lead the identification, management and implementation of specific industry technologies to meet identified industry standards.

The unit applies to those in senior Information and Communications Technology (ICT) leadership roles, who review and research methodologies to improve aspects of an organisation's activities.

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

Unit Sector

General ICT

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Lead implementation of technologies	1.1 Determine specific industry technologies according to organisational and industry standards 1.2 Determine technology requirements 1.3 Plan implementation of industry specific technologies according to organisational and industry standards
2. Direct application of industry specific technologies	2.1 Lead management of industry specific technology according to organisational and industry standards testing 2.2 Direct implementation of specific features and functions of industry specific technologies

ELEMENT	PERFORMANCE CRITERIA
	2.3 Determine alignment of implemented technologies to organisational requirements
3. Lead review, analysis and evaluation of the technology performance	3.1 Lead analysis of the technology implementation according to organisational and industry standards 3.2 Analyse, review and evaluate benefits to organisation 3.3 Determine environmental considerations involved with using the technology

Foundation Skills

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

Skill	Description
Oral communication	Uses clear, easy-to-understand language together with effective listening and open questioning techniques to elicit information
Reading	Identifies and interprets technical online and hard copy documentation that will enable the organisation
Writing	- Uses vocabulary, grammatical structures, specific terminology and document structure relevant to the job role and organisation - Uses plain English and appropriate questioning strategies, avoiding loaded or leading questions, when developing feedback gathering documentation
Planning and organising	Develops plans to manage relatively complex non-routine tasks with an awareness of how they may contribute to longer term strategic goals
Problem solving	Makes a range of critical and non-critical decisions in relatively complex situations, taking a range of constraints into account
Self-management	Demonstrates an understanding of the implications of legal and regulatory responsibilities related to own work, with specific reference to environmental considerations
Technology	Demonstrates an understanding of key principles and concepts underpinning the design and operation of digital systems and tools, and applies these when troubleshooting existing technology and when seeking to understand the potential of new technology

Unit Mapping Information

Supersedes and is equivalent to ICTICT609 Lead the evaluation and implementation of current industry specific technologies.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>

Assessment Requirements for ICTICT617 Lead the evaluation and implementation of current industry specific technologies

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- identify, document and lead a review of at least one new and established and at least one emerging technology.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- industry standard technology trends and directions in Information and Communications Technology (ICT) sector
- features and uses of industry standards relevant to new technologies
- industry standard vendor products features, functions and uses relevant to existing and new technologies
- information gathering techniques relevant to evaluating new technologies
- general features, capabilities and application of industry standard hardware and software products.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- a site where industry specific technologies may be used
- industry specific technologies currently used in industry.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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