



Australian Government

ICTICT609 Lead the evaluation and implementation of current industry specific technologies

Release: 1

ICTICT609 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 1.0.

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.

It applies to individuals who work in senior information and communications technology (ICT) leadership roles and are engaged in ongoing review and research to improve aspects of the organisation's activities.

Check the Implementation Guide Companion Volume for details about licensing, legislative or certification requirements.

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 the implementation of industry specific technologies	1.1 Identify technologies specific to an industry sector 1.2 Determine relevance of industry specific technologies to organisational requirements 1.3 Plan implementation of industry specific technologies where appropriate, for the benefit of the organisation
2. Direct the application of industry specific technologies to assist in solving specific	2.1 Lead management of testing of industry specific technology 2.2 Direct implementation of specific features and functions of industry specific technologies to provide a suitable solution to an identified problem

ELEMENT	PERFORMANCE CRITERIA
organisational problems	2.3 Demonstrate depth of knowledge of enabling technologies to an accepted industry standard 2.4 Access and use sources of information relating to industry specific technologies
3. Lead the review, analysis and evaluation of the industry specific technology performance	3.1 Lead analysis of the implementation of the industry specific technologies for performance and usability 3.2 Analyse, review and evaluate the benefits to the organisation 3.3 Determine environmental considerations involved with using the technology 3.4 Seek feedback from users where appropriate

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 2.3, 2.4, 3.1-3.4	Identifies and interprets technical online and hard copy documentation that will enable the organisation
Writing	1.3, 3.2, 3.4	- 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
Oral Communication	1.1-1.3, 2.1-2.4, 3.1-3.4	Uses clear, easy-to-understand language together with effective listening and open questioning techniques to elicit information
Navigate the world of work	3.3	Appreciates the implications of legal and regulatory responsibilities related to own work, with specific reference to environmental considerations
Get the work done	1.1-1.3, 2.1-2.3, 3.1, 3.2	- Develops plans to manage relatively complex non-routine tasks with an awareness of how they may contribute to longer term strategic goals - Understands 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 • Makes a range of critical and non-critical decisions in relatively complex situations, taking a range of constraints into account
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT609 Lead the evaluation and implementation of current industry specific technologies	ICAICT609A Lead the evaluation and implementation of current industry specific technologies	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for ICTICT609 Lead the evaluation and implementation of current industry specific technologies

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Performance Evidence

Evidence of the ability to:

- determine new and emerging technologies suitable for organisational requirements
- lead the implementation of new and emerging industry specific technologies
- analyse, and critically evaluate the industry specific technology and its application to the organisation.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- analyse and appraise current technology trends and directions in the information and communications technology (ICT) sector
- specify the major industry standards used for the new technologies
- evaluate vendor products and the direction in which they are trending
- summarise information gathering techniques
- appraise the general features, capabilities and application of current industry hardware and software products.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the general ICT industry, and include access to:

- a site where industry specific technologies may be used
- industry specific technologies currently used in industry
- documents detailing workplace health and safety (WHS) standards, environmental guidelines and organisational requirements.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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