



Australian Government

ICTICT525 Identify and manage the implementation of industry specific technologies

Release: 1

ICTICT525 Identify and manage the implementation of 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 identify, plan and manage the implementation of industry specific technologies at an identified industry standard.

The unit applies to those engaged in ongoing review and research to identify, manage and evaluate the implementation of industry technologies or techniques to improve aspects of the 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. Analyse and plan implementation of industry specific technologies	1.1 Identify technologies specific to industry sector 1.2 Evaluate relevance of industry specific technologies to organisational requirements 1.3 Plan implementation of industry specific technologies to meet organisational requirements
2. Manage application of industry specific technology	2.1 Coordinate testing of industry specific technology 2.2 Implement specific features and functions of industry specific technology to provide a suitable solution to an identified problem 2.3 Access and use sources of information relating to

ELEMENT	PERFORMANCE CRITERIA
	industry specific technology
3. Review, analyse and evaluate industry specific technology performance	3.1 Analyse implementation of industry specific technology for performance and usability 3.2 Review and evaluate benefits of implemented technology to organisation 3.3 Determine environmental considerations involved with the use of new technology 3.4 Seek feedback from users where appropriate

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
Reading	Identifies and interprets technical online and hard copy documentation containing complex terminology and diagrams to identify industry specific technologies that will benefit the organisation
Writing	- Uses vocabulary, grammatical structures and terminology and document structure relevant to the job role and organisation - Uses questioning strategies, when developing feedback gathering documentation
Oral Communication	Uses listening and questioning techniques for seeking and responding to feedback
Self-management	- Identifies legislation and regulations relevant to own rights and responsibilities and demonstrates understanding of the implications of these when planning work - Uses systematic, analytical processes in complex, non-routine situations, setting goals, gathering relevant information and identifying and evaluating options against agreed criteria
Planning and organising	Develops plans to manage relatively complex, non-routine tasks with an awareness of how they may contribute to longer term operational and strategic goals
Technology	Demonstrates a sophisticated understanding of principles, concepts, language and practices associated with the digital world and uses these to troubleshoot and understand the uses and potential of new technology

Unit Mapping Information

Supersedes and is equivalent to ICTICT514 Identify and manage the 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 ICTICT525 Identify and manage the implementation of 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:

- implement industry specific technology for an organisation, according to organisational requirements, on at least one occasion, including:
 - analysing and critically evaluating the features and functions of identified industry specific technologies to an industry standard
 - managing the implementation process of new and emerging industry specific technology
 - reviewing the performance of the industry specific technologies for the organisation.

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:

- trends and applications of current vendor products and technologies
- techniques for gathering information to assist in identifying and managing implementation of industry specific technologies
- current directions of information and communications technology (ICT) and specifically of the major industry technology standards used in the specified area
- general features, capabilities and application of current industry 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:

- industry specific technologies currently used in industry
- documents detailing organisational requirements.

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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