



Australian Government

ICTICT221 Identify and use specific industry standard technologies

Release: 1

ICTICT221 Identify and use specific industry standard 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 engage in a basic ongoing review and research of industry specific technologies in order to identify and apply these technologies and techniques to improve aspects of an organisation's activities.

It applies to individuals who work under supervision and are involved in ensuring that the quality of business processes are maintained at a high level through application of industry specific technologies.

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. Prepare to use industry specific technologies	1.1 Identify organisational technology upgrades and advancement requirements 1.2 Identify technologies required to meet organisational requirements 1.3 Classify industry specific technologies according to organisational requirements
2. Implement industry specific technologies	2.1 Implement and test industry specific technologies according to task requirements 2.2 Use features and functions of industry specific technologies according to task requirements

ELEMENT	PERFORMANCE CRITERIA
	2.3 Access and use sources of information according to task requirements
3. Evaluate performance of basic industry specific technology	3.1 Evaluate performance, usability and benefit to organisation of implemented technologies 3.2 Determine and document environmental considerations of implemented technologies 3.3 Seek and respond to user according to organisational requirements

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
Learning	Investigates, evaluates and applies information from a range of technical texts to expand own knowledge and identify industry specific technologies
Oral communication	Uses listening and questioning techniques to obtain information and feedback and identify and evaluate industry specific technologies
Reading	- Interprets technical online and hard copy documentation containing complex terminology and diagrams - Interprets technical information to identify industry specific technologies and determines environmental considerations
Self-management	- Organises own workload aligned to organisational expectations and follows explicit protocols and procedures - Identifies priorities and sequences involved in defined tasks and assembles required resources
Technology	Identifies purposes, specific functions and key features of basic digital systems and tools and operates them

Unit Mapping Information

Supersedes and is equivalent to ICTICT211 Identify and use basic 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 ICTICT221 Identify and use specific industry standard 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, implement and evaluate at least three industry standard technologies
- use at least one feature and at least one function of each industry standard technology above.

In the course of the above, the candidate must:

- comply with task and organisational requirements.

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), and major industry technology standards used in specified area
- vendor product directions
- industry standard hardware and software products and their general features and capabilities
- information gathering methodologies.

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:

- required industry standard technologies, features and functions that may assist in identifying and using specific industry standard technologies
- required hardware, software and its components.

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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