



Australian Government

ICTICT521 Select new technology supported business model

Release: 1

ICTICT521 Select new technology supported business model

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 opportunities for using new technology to support and enable efficient business models.

The unit applies to senior Information and Communications Technology (ICT) staff in a range of areas who are required to research innovative approaches to meeting organisational requirements.

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. Evaluate current state	1.1 Map existing ICT process flow against performance standards and identify areas that may benefit from improvement 1.2 Evaluate existing business models and processes 1.3 Identify and analyse changes in technological, client and supply chain environments 1.4 Document factors identified and submit to required personnel for review
2. Research business models	2.1 Investigate alternative business models in use in similar businesses 2.2 Identify and determine relevance of business models in use and under development in other industry sectors

ELEMENT	PERFORMANCE CRITERIA
	2.3 Investigate and evaluate new business models 2.4 Evaluate opportunities identified against business requirements 2.5 Prioritise and document identified opportunities
3. Propose new business model	3.1 Select new business model according to organisational requirements 3.2 Develop performance benchmarks for chosen business model 3.3 Determine and model new business processes 3.4 Document proposed business model according to organisational procedures 3.5 Submit documentation to required personnel for sign-off

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, analyses and evaluates complex text, diagrams, business models and statistical and financial information
Writing	Integrates information and ideas from a number of sources, utilising information ICT modelling tools, and specialised and cohesive language and document structures
Numeracy	Interprets and analyses a range of statistical and financial data relating to business models to analyse the current model, identify current and future needs, and develop new technology models
Self-management	- Identifies and responds to explicit and implicit protocols in familiar work contexts - Uses systematic analytical processes in complex, non-routine situations, setting goals, gathering relevant information and identifying and evaluating options against organisational requirements
Teamwork	Identifies the requirements of important communication exchanges, selecting appropriate channels, format, tone and content to suit purpose and audience, and monitoring impact
Technology	Uses and investigates new digital technologies and applications to manage and manipulate data, and communicate effectively with others in a secure and stable digital environment

Unit Mapping Information

Supersedes and is equivalent to ICTICT507 Select new technology models for business.

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 ICTICT521 Select new technology supported business model

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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:

- propose a new technology supported business model for an organisation based on organisational requirements on at least one occasion, including:
 - identifying new approaches to technology use
 - determining the suggested focus of the selected business model according to identified performance improvement standards
 - documenting the new business model.

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:

- procedures for benchmark selection and development
- key features of business process design, including:
 - case diagrams
 - business process modelling and notation
 - activity diagrams
- key components of business-to-business and business-to-customer interface and liaison
- copyright and intellectual property factors relating to selecting new technology models
- current organisational environment, including:
 - technological
 - client
 - supply chain
- methods for determining impact of technological change
- principles of electronic commerce modelling language (ECML)
- procedures for interpreting environmental scanning
- procedures for interpreting design specifications

- key features of modelling methodology
- key components of value and supply chain management
- key features of website architecture.

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:

- business systems
- analysis software
- modelling software
- business requirements
- current industry news
- supply and value chain analysis.

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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