



Australian Government

ICTICT507 Select new technology models for business

Release: 1

ICTICT507 Select new technology models for business

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

It applies to individuals who work as senior information and communications technology (ICT) staff in a range of areas and who are required to research innovative approaches to meeting business 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. Identify processes to be improved by the application of a new business model	1.1 Map existing process flow against relevant performance standards in order to identify areas that may need improvement 1.2 Outline emerging models and processes 1.3 Identify changes in the technological, client and supply chain environment 1.4 Document changes identified and submit to appropriate person for review
2. Appraise existing models	2.1 Analyse existing business models 2.2 Investigate business models in use in other similar businesses

ELEMENT	PERFORMANCE CRITERIA
	2.3 Identify and determine relevance of business models in use and under development in other industry sectors 2.4 Map existing models in other parts of business supply chain
3. Research new business models	3.1 Investigate new business models to establish opportunities for improvement 3.2 Evaluate opportunities against business requirements 3.3 Prioritise and document identified opportunities
4. Select the appropriate model	4.1 Select a business model that improves the business processes 4.2 Develop performance benchmarks to measure the effectiveness of the chosen business model 4.3 Model new business process or model and collaborate with other businesses 4.4 Document the proposed business model according to business procedures 4.5 Forward appropriate document to relevant person for sign-off

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, 1.3, 2.1-2.3, 3.1, 3.2	Identifies, analyses and evaluates complex text, diagrams, business models and statistical and financial information
Writing	1.1, 1.2, 1.4, 2.4, 3.3, 4.2-4.4	Integrates information and ideas from a number of sources, utilising appropriate information ICT modelling tools, and specialised and cohesive language and document structures
Oral Communication	1.1, 1.3, 2.1-2.3, 3.1, 3.2, 4.3, 4.5	- Elicits and evaluates information using effective listening and questioning techniques. - Uses simple and relevant language to obtain information, confirm understanding, liaise with the client and appropriate person, and obtain

		feedback
Numeracy	1.1, 1.4, 2.1, 2.2, 2.4, 3.2, 3.3, 4.2, 4.3	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
Navigate the world of work	1.1, 3.2, 4.4	Recognises and responds to both explicit and implicit protocols within familiar work contexts
Interact with others	1.4, 4.5	Actively identifies the requirements of important communication exchanges, selecting appropriate channels, format, tone and content to suit purpose and audience, and monitoring impact
Get the work done	1.1, 1.3, 2.1-2.4, 3.1-3.3, 4.1-4.3	- Uses systematic analytical processes in complex, non-routine situations, setting goals, gathering relevant information and identifying and evaluating options against organisational requirements - 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

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTICT507 Select new technology models for business	ICAICT507A Select new technology models for business	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 ICTICT507 Select new technology models for business

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Performance Evidence

Evidence of the ability to:

- identify new approaches to using technology or new technology to enable efficient models of business
- determine the appropriate focus of the selected business model in order to achieve the desired performance improvement
- document a new business model.

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:

- identify benchmark selection and development
- discuss business process design and include:
 - case diagrams
 - business process model and notation
 - activity diagrams
- discuss business-to-business and business-to-customer interface and liaison
- identify relevant copyright and intellectual property issues
- discuss the current technical environment
- outline methods for the determination of the impact of technological change
- summarise the principles of an electronic commerce modelling language (ECML)
- interpret environmental scanning
- interpret design specifications
- outline modelling methodology
- discuss value and supply chain management
- outline website architecture.

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 information and communications technology (ICT) industry, and include access to:

- business systems
- analysis software
- modelling software
- business requirements
- current industry news, forums, lists and chat rooms
- user analysis
- supply and value chain analysis.

Assessors must satisfy NVR/AQTF assessor requirements.

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