Australian Government

ICTSAD503 Minimise risk of new technologies to business solutions

Release: 1

ICTSAD503 Minimise risk of new technologies to business solutions

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 and plan to minimise the business and technological risks associated with business solutions that utilise new technologies.

It applies to individuals who are responsible for performing complex technical analysis to provide solutions to complex problems.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Systems analysis and design

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Establish the risk context	1.1 Review organisational and technical environment and proposed business solution
	1.2 Identify scale, importance and complexity of project risks
	1.3 Establish acceptable and unacceptable levels of risk and consequences for the solution
	1.4 Identify the impact of risks against the business environment
	1.5 Determine and document proposed actions to insure against identified generic risks

ELEMENT	PERFORMANCE CRITERIA
2. Conduct risk analysis	2.1 Conduct a risk analysis to determine the likelihood of risks identified
	2.2 Rank risk factors according to the impact and likelihood of occurrence
	2.3 Develop contingency plans to mitigate identified risks
	2.4 Document risk analysis and contingencies in a risk management plan
	2.5 Implement risk management plans and undertake awareness training to inform stakeholders
3. Monitor risks	3.1 Establish feedback channels to warn of unforeseen and identified risks
	3.2 Conduct regular reviews to identify new risks and update established risks
	3.3 Document changes to risk management plans as 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, 2.1, 3.2	• Critically analyses complex documentation from a variety of sources and consolidates information relating to specific criteria to determine requirements
Writing	1.5, 2.1, 2.3, 2.4, 3.3	• Prepares documentation that expresses ideas, explores complex issues and is constructed logically, succinctly and accurately
Navigate the world of work	1.4	• Seeks to improve policies and procedures to better meet organisational goals and mitigate risk
Interact with others	2.5, 3.1, 3.2	• Selects, implements and seeks to improve protocols governing communications to clients and co-workers in a range of work contexts • Elicits feedback and provides feedback to others
Get the work	1.2-1.5, 2.1-2.5	• Accepts responsibility for planning and sequencing complex tasks and workload, negotiating key aspects

done		with others and taking into account capabilities, efficiencies and effectiveness
		• Applies systematic and analytical decision making processes for complex and non-routine situations
		• Investigates new and innovative ideas as a means to continuously improve work practices and processes through consultation, and formal and analytical thinking
		• 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
ICTSAD503 Minimise risk of new technologies to business solutions	ICASAD503A Minimise risk of new technologies to business solutions	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

PwC's Skills for Australia