



Australian Government

ICTPMG607 Manage and control ICT project risks

Release: 1

ICTPMG607 Manage and control ICT project risks

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 manage and control risks in an information and communications technology (ICT) project within small, medium or large organisations.

It applies to individuals who may be required to apply a high level of business, technical and risk management skills to ensure that project risks are managed and controlled in accordance with organisational risk management strategies.

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

Unit Sector

Project management

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 project risks	1.1 Review project planning documents, organisational risk policies and relevant lessons learned from earlier projects 1.2 Identify major project risks and potential sources of project risk 1.3 Establish relevant risk management processes and procedures 1.4 Develop a project risk management plan, including a risk register in consultation with stakeholder and obtain sign-off
2. Treat project risks	2.1 Assess the likelihood of the risk occurring and the resulting

ELEMENT	PERFORMANCE CRITERIA
	consequence of the risk 2.2 Develop risk-response strategies and contingency measures as appropriate 2.3 Incorporate risk-response actions and contingency measures into the risk register and project schedule in consultation with stakeholders and obtain sign-off
3. Monitor project risks	3.1 Undertake activities to monitor the risk factors or identified events as the project progresses 3.2 Establish formal risk reviews at appropriate intervals or project milestones 3.3 Update risk register and raise project change requests to update baseline project schedule as required

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	Interprets and analyses complex textual information and other relevant data to ensure the proper identification of project risks
Writing	1.3, 1.4, 2.2, 3.3	Uses technical language in compiling complex strategic documents and support materials, and presents this information in a logical manner using correct grammar and spelling
Oral Communication	1.2-1.4, 2.1-2.3, 3.1, 3.2	- Uses techniques including active listening, open-ended questioning and paraphrasing when gathering information - Uses appropriate language and style to present complex technical information and ideas appropriate to the audience
Get the work done	1.1-1.3, 2.1, 2.2, 3.1, 3.2, 3.3	- Uses a combination of formal logical planning processes and an increasingly intuitive understanding of context to identify relevant information and risks, and identify and evaluate alternative strategies and resources - Uses systematic, analytical processes in complex,

		non-routine situations, setting goals, gathering relevant information, and identifying and evaluating options against agreed criteria • Uses analytical processes to decide on a course of action, establishing criteria for deciding between options
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTPMG607 Manage and control ICT project risks	ICAPMG607A Manage and control IT project risks	Updated to meet Standards for Training Packages. Minor edits to the competency title.	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 ICTPMG607 Manage and control ICT project risks

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Performance Evidence

Evidence of the ability to:

- identify actual and potential risks within a complex information and communications (ICT) project
- establish risk management processes and procedures
- develop and implement risk management plan
- monitor risk factors and update risk management strategies.

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:

- outline the methods and techniques of risk management
- identify organisational policies relating to risk and organisational risk potential
- explain processes and techniques of business analysis
- outline the project management and systems development techniques and their associated potential risks.

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 ICT project management field of work and include access to:

- industry software packages
- project documentation
- relevant organisational documentation.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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