



Australian Government

ICTSAD402 Develop and present ICT feasibility reports

Release: 1

ICTSAD402 Develop and present ICT feasibility reports

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 research and analyse system solutions and present a feasibility report to the client.

It applies to individuals who investigate potential solutions within the context of an Information and Communications Technology (ICT) project, who are required to and work within a team under some level of supervision.

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
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Confirm client requirements	1.1 Analyse client requirements to determine project scope, the problem and opportunity faced by the business 1.2 Document client requirements, project scope, related problems and sources of information according to organisational procedures 1.3 Submit documentation to required personnel, seek and respond to feedback according to task requirements
2. Develop high-level alternative scenarios	2.1 Obtain and compare future client requirements with current requirements 2.2 Discuss, develop and document feasible solutions for client requirements 2.3 Determine and document feasibility of each solution

ELEMENT	PERFORMANCE CRITERIA
	2.4 Identify feasibility alternatives against project constraints
3. Prepare and publish feasibility report	3.1 Develop feasibility report according to organisational policies and procedures and task requirements 3.2 Seek and respond to feasibility report feedback from required personnel 3.3 Obtain final task sign-off on report from required personnel

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Description
Numeracy	Applies financial modelling skills to identify, analyse and evaluate budgetary information, time durations and human resource allocations
Oral communication	Uses listening and questioning techniques to articulate complex concepts and requirements using relevant industry language
Reading	Reads and interprets specifications and other documentation from a variety of sources, and consolidates information to determine client requirements
Writing	Prepares documentation detailing requirements, scope and solutions to stakeholders using cohesive and instructional language
Teamwork	Implements strategies for a diverse range of colleagues and clients
Planning and organising	Accepts responsibility for planning and sequencing complex tasks and workload, negotiating key aspects with others, including required capabilities, efficiencies and effectiveness
Problem solving	Investigates new and innovative ideas to continuously improve work practices and processes through consultation and formal and analytical thinking

Unit Mapping Information

Supersedes and is equivalent to ICTSAD401 Develop and present feasibility reports.

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 ICTSAD402 Develop and present ICT feasibility reports

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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:

- Develop a feasibility report for a systems solution.

In the course of the above, the candidate must:

- Identify and confirm the services required
- Identify and propose feasible solutions for the client.

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:

- client business domain, problem and opportunity potential within that environment
- functions and features of a system's functionality
- stakeholders' roles and levels of responsibility in the development of feasibility reports
- industry standard system development methodologies
- feasibility report structure and purpose
- organisational policies and procedures applicable to developing feasibility reports.

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:

- client requirements
- report writing template
- text-editing software

- client expectations brief
- information on required Information and Communications Technology (ICT) business solutions
- organisational business processes
- budgets for business scenarios
- outcomes of business analysis process.

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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