



Australian Government

ICTSAD506 Produce a feasibility report

Release: 1

ICTSAD506 Produce a feasibility report

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 recommend the preferred scenario from a range of feasible options offered to the client.

It applies to individuals who are responsible for researching, planning and designing solutions for complex information and communications technology (ICT) projects.

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 Confirm client requirements to determine project scope and the problem context or opportunity faced by the business 1.2 Review documented client requirements, project scope, related problems and sources of information 1.3 Confirm requirements and scope with the client
2. Examine and review alternatives	2.1 Ensure that future client requirements are considered 2.2 Research and document feasible solutions for client requirements 2.3 Ensure that the feasibility of each solution has been assessed, including constraints

ELEMENT	PERFORMANCE CRITERIA
3. Prepare and publish feasibility report	3.1 Prepare a feasibility report 3.2 Ensure that the completed feasibility report covers client requirements, project scope and analysis of alternative scenarios 3.3 Confirm the recommendation of the preferred scenario 3.4 Present feasibility report to appropriate person for project approval

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, 1.2, 2.2, 3.2	Critically analyses complex documentation from a variety of sources and consolidates information relating to specific criteria to determine requirements
Writing	2.2, 3.1	- Writes, edits and proofreads reports to ensure clarity of meaning, and accuracy and consistency of information - Accurately records and completes organisational documents and correspondence using clear language and correct spelling, grammar and terminology
Oral Communication	1.1, 1.3, 3.3, 3.4	Uses collaborative and inclusive techniques, including active listening and questioning, and reading of verbal and non-verbal signals to convey and clarify information and to confirm understanding
Interact with others	1.1, 1.3, 2.1, 3.4	- 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 - Recognises the diversity in people and manages this diversity to improve workplace relations and practices
Get the work done	2.1-2.3, 3.1-3.3	- Accepts responsibility for planning and sequencing complex tasks and workload, negotiating key aspects with others and taking into account capabilities, efficiencies and effectiveness - Monitors progress of plans and schedules, and reviews and changes them to meet new demands and priorities - Investigates new and innovative ideas as a means to

		continuously improve work practices and processes through consultation, and formal and analytical thinking
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTSAD506 Produce a feasibility report	ICASAD506A Produce a feasibility report	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 ICTSAD506 Produce a feasibility report

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Performance Evidence

Evidence of the ability to:

- review documentation and confirm client requirements for the project
- confirm the scope with the client
- document alternative solutions for the project
- prepare a feasibility report ensuring it meets client requirements.

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:

- describe the client business domain and list the client requirements
- describe the role of stakeholders and the degree of stakeholder involvement in developing a feasibility report
- list the system's current functionality and improvement options
- outline TWO or more current industry systems development methodologies.

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 systems analysis and design field of work, and include access to:

- contributions to a feasibility report
- client requirements
- report writing template
- client expectations brief

- information on a range of information and communications technology (ICT) business solutions
- future organisational business processes
- budgets for scenarios
- outcomes of the business analysis process
- financial modelling
- business context
- use of special purpose tools, equipment, materials and industry software packages.

Assessors must satisfy NVR/AQTF assessor requirements.

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