



Australian Government

Assessment Requirements for ICTICT432 Develop detailed technical design

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

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:

- assist in developing a detailed technical design according to client requirements.

In the course of the above, the candidate must:

- define client business environment and client's critical business functions and processes
- design and prepare a best-fit technical design for a set project, incorporating:
 - changes to design model based on user requirements
 - detailed specification of modules and user authority for each module
- produce updated documentation reflecting changes made to required personnel.

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:

- technical design project life cycle
- key principles and techniques required to develop detailed technical design, including:
 - incremental development
 - module implementation
 - documentation
 - design fundamentals and refinement
 - design quality metrics
- different client business environments and critical functions and process
- industry standard design models applicable to developing detailed technical designs
- organisational procedures and guidelines applicable to developing detailed technical designs.

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:

- business and client requirements
- project deliverables
- required hardware and digital devices
- required software, tools and licenses
- feedback mechanisms
- industry standard ICT blueprint.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>