



Australian Government

Assessment Requirements for ICTICT533 Conduct quality audit of IT system design specifications

Release: 1

Assessment Requirements for ICTICT533 Conduct quality audit of IT system design specifications

Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Supersedes and is not equivalent to: • ICTICT503 Validate quality and completeness of system design specifications • ICTICT506 Implement process re-engineering strategies.

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:

- conduct at least one quality audit of the design specifications of at least two different information technology (IT) systems, where the work must include:
 - evaluating at least three different aspects of an organisation's system design
 - identifying at least one system control weakness and at least one system control deficiency.

In the course of the above, the candidate must:

- create audit documentation according to organisational and legislative requirements
- apply required organisational policies and procedures.

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:

- methods to:
 - develop audit criteria and quality benchmarks
 - access IT systems for quality audit
 - conduct quality audits of IT system designs
 - identify IT system non-compliance, control deficiencies and weaknesses
- functions and features of IT automated and manual controls
- types of IT included in system audits, including:

- programs
- program developments and changes
- computer operations
- types of tools and resources used for quality audits
- types of audit documentation techniques
- methods to:
 - compare audit findings against system contracts
 - disclose audit findings
- features and applications of audit plans, including:
 - audit criteria and quality benchmarks that reflect organisational and legislative requirements
 - methods for auditing IT system design and identifying IT system control deficiencies and weaknesses
 - resources required to undertake quality audit
 - projected timelines
- types of system design principles, specification standards and system contracts
- organisational formats for documentation and reporting audit findings
- organisational policies and procedures, and legislative requirements relating to work tasks.

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:

- software, hardware and resources required to conduct quality audits
- live IT system, including database, system files and designed interface
- technical specifications of system design
- work brief and organisational policies and procedures required to demonstrate the performance evidence.

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>