



Australian Government

Assessment Requirements for ICTSAS520

Develop detailed test plans

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 4.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit; including evidence of the ability to:

- For two systems:
 - interpret software specifications to plan for system testing
 - develop a comprehensive test plan that includes:
 - test approach including activities
 - test conditions and cases to be applied
 - test objectives
 - acceptance processes
 - data to be processed
 - automated testing coverage
 - expected results
 - dependencies
 - quality benchmarks
 - gain acceptance of test objectives and test schedule from stakeholders and contact in operations
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Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- Systems relevant to testing requirements
- System specifications analysis
- Implications of testing processes for organisation
- Quality benchmarks for comparison
- Testing approaches and processes and associated advantages and disadvantages in different scenarios

Assessment Conditions

Skills must be demonstrated in a workplace or simulated environment where the conditions are typical of those in an ICT working environment or workplace. This includes:

- Testing software package
- System engineering management plan
- Test and evaluation program plan
- System suitable for testing and associated documentation including system specifications
- User account details
- Individual stakeholders
- Individual contact in operations in the organisation
- Organisational testing procedures including acceptable test approaches, log entry requirements and quality benchmarks.

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

Links

Companion Volume Implementation Guides are available from VETNet -

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