



Australian Government

Assessment Requirements for ICTPRG542 Review developed software

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:

- review existing developed software and organisation's quality standards relevant to software development on at least one occasion.

In the course of the above, the candidate must:

- determine quality issues against quality standards and procedures that support development of defect-free products to meet client requirements
- provide feedback on the software.

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:

- industry standard hardware and software products and quality standards that relate to reviewing developed software
- input and output drivers and operating systems used in the reviewing developed software
- procedural and object-oriented languages that relate to the reviewing and developing software
- real-time programming techniques
- testing strategies and processes
- software application measuring and estimating methodologies
- software development and configuration management processes
- software metrics development relevant to reviewing developed software.

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:

- data dictionaries
- design specifications
- a data stream management system (DSMS)
- a simulated scenario
- Australian and international software quality standards.

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>