Assessment Requirements for ICTPRG515 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 1.0.

Performance Evidence

Evidence of the ability to:

- review and discuss the organisation's quality standards relevant to software development
- determine and document quality standards and procedures that support the development of defect-free products to meet client requirements
- review plans, testing processes and documentation related to the quality of software development to ensure that client needs are met.

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
- summarise industry-accepted hardware and software products
- describe input and output drivers
- identify and describe operating systems
- identify and describe:
    - two or more procedural languages
    - three or more object-oriented languages
- describe quality assurance practices, and the identification of standards
- explain real-time programming techniques
- describe software application measuring and estimating methodologies
- describe software development and configuration management processes
- explain the process of software metrics development.

PwC's Skills for Australia

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 programming and software development industry, and include access to:

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

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e 9d6aff2