



Australian Government

Assessment Requirements for ICTPRG426

Prepare software development review

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 the software standards, including:
 - ensuring that stakeholders have an understanding of organisational requirements
 - documenting software standards according to project standards
- review the implementation standards, including:
 - assigning software standards to functions, according to the technical plan
 - ensuring that communication and distribution strategies are clear, coherent, and meet requirements
 - monitoring and reporting on the implementation of standards
- review software metrics and milestones, including:
 - defining metrics
 - developing a schedule of quality reviews
 - determining quality considerations by identifying the in-process measurement points
 - determining a method to benchmark and scale achievement
 - reporting the metrics and milestones to stakeholders
 - ensuring the written agreement is 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:

- identify and explain current industry-accepted software configuration management processes
- identify and explain quality assurance practices and standards
- explain software metrics development

- identify and describe the client business domain.

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 the:

- technical specifications
- organisational standards, for documentation and version control
- project management process, and hierarchy
- organisational business processes
- software requirement specifications
- interface requirement specifications
- system requirements
- design specifications
- validated data
- project budget and timeframe.

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-b778-71c9e9d6aff2>