



Australian Government

Assessment Requirements for ICTPRG510 Maintain custom 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:

- effectively maintain custom software
- apply a fix that works
- deploy a possible range of solutions to produce the same results.

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:

- explain the concepts relating to analysing a system performance compared with the system's current functionality
- describe the processes and procedures relating to testing software systems
- describe current industry-accepted hardware and software products, as they relate to system maintenance
- specify the programming code required for the project
- describe the program documentation required
- describe the impact of changes on applications and systems
- identify and summarise the programming standards relating to custom software.

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 fault logs, and help-desk reports

- software development tools, documentation and environment
- source code and libraries
- the appropriate learning and assessment support.

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>