



Australian Government

Assessment Requirements for ICTPRG501 Apply advanced object-oriented language skills

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:

- develop client-server applications using an object oriented language
- produce a graphical user interface (GUI)
- build, debug and test the applications
- produce documentation for the applications.

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 architecture of a framework for web-enabled application development
- summarise the techniques for implementing inter-process communication
- describe the process for the development of large-size application
- identify and outline testing techniques as applied to distributed application development
- identify and outline techniques for implementing third-party supplied code.

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 field of work and include access to:

- database management system (DBMS)
- networked computers
- software-development environment
- technical requirements.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion volumes available from the IBSA website:

http://www.ibsa.org.au/companion_volumes -

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