



Australian Government

Assessment Requirements for ICTPRG414 Apply introductory programming skills in another language

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:

- perform coding activities to create, maintain and update programs using basic language and layout
- write coding using data structures and standard algorithms, and following guidelines
- debug code
- generate design and code documentation
- test and confirm that the application meets program specifications
- record the test 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:

- describe and explain programming techniques
- describe documentation techniques
- give details of application development processes
- summarise testing techniques.

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:

- integrated development environment (IDE) for the determined language
- specific tools and licences, depending on particular platform and language.

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>