



**Australian Government**

# **Assessment Requirements for ICTPRG404 Test applications**

**Release: 1**

# Assessment Requirements for ICTPRG404 Test applications

## 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:

- apply test case design techniques to develop a test plan, and to test cases that adequately cover specific test requirements
- design, implement and execute test procedures, or scripts, by using a unit test framework and an integrated development environment (IDE)
- create test progress reports based on recorded 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 the characteristics of programming languages
- explain input and output requirements
- outline the life cycle for software development
- outline the processes and techniques for testing small-size applications.

## 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 software development environment
- specific test requirements, such as the test-plan document
- suitable code to be tested
- word-processing software.

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>