



**Australian Government**

# **Assessment Requirements for ICTPRG416**

## **Manage a software component re-use library**

**Release: 1**

# Assessment Requirements for ICTPRG416 Manage a software component re-use library

## 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:

- manage a software component re-use library
- specify the re-use library components
- document the re-use library components
- ensure logical structuring and interface facilitate retrieval and use.

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 abstraction of code module interfaces
- describe the features of component libraries
- explain the design paradigms
- describe patterns, frameworks and idioms
- describe the re-use components, and metrics
- describe the content and structure of re-use libraries.

## 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
- technical requirements.

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>