



**Australian Government**

# **ICT40615 Certificate IV in Information Technology Testing**

**Release 2**

# ICT40615 Certificate IV in Information Technology Testing

## Modification History

Release	Comments
Release 2	This version released with ICT Information and Communications Technology Training Package version 2.0.  Release 2 created to update unit codes.
Release 1	This version first released with ICT Information and Communications Technology Training Package version 1.0.

## Qualification Description

This qualification provides the skills and knowledge for an individual to be competent in a range of information and communications technology (ICT) positions directly related to testing, either as an assistant tester, working mostly independently or as part of a team.

### Licensing/Regulatory Information

*No licensing, legislative or certification requirements apply to this qualification at the time of publication.*

## Entry Requirements

Nil

## Packaging Rules

**Total number of units = 20**

**8 core units *plus***

**12 elective units**

The elective units consist of:

- up to 12 from the elective units listed below
- up to 4 from elsewhere in ICT Information and Communications Technology Training Package or any other Training Package or accredited course at Certificate IV or Diploma level.

The elective units chosen must be relevant to the work outcome and meet local industry needs.

### Core units

BSBSUS401 Implement and monitor environmentally sustainable work practices

ICTICT401 Determine and confirm client business requirements

ICTICT408 Create technical documentation

ICTICT411 Select and employ software and hardware testing tools

ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment

ICTPMG401 Support small scale ICT projects

ICTPRG405 Automate processes

ICTSAS301 Run standard diagnostic tests

### Elective units

BSBCRT401 Articulate, present and debate ideas

ICTICT417 Identify, evaluate and apply current industry specific technologies to meet industry standards

ICTNWK403 Manage network and data integrity

ICTNWK404 Install, operate and troubleshoot a small enterprise branch network

ICTNWK501 Plan, implement and test enterprise communication solutions

ICTPRG404 Test applications

ICTSAS401 Perform unit test for a class

ICTSAS503 Perform systems tests

ICTSAS504 Develop and conduct client acceptance test

ICTSAS513 Develop detailed test plans

ICTSAS514 Perform integration tests

ICTSAS515 Manage the testing process

ICTSAS516 Perform stress and load tests on integrated platforms

ICTSUS401 Install and test renewable energy system for ICT networks

ICTTEN416 Install, configure and test an internet protocol network

ICTWEB406 Create website testing procedures

ICTWEB407 Conduct operational acceptance tests of websites

ICTWEB423 Ensure dynamic website security

## Qualification Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
ICT40615 Certificate IV in Information Technology Testing (Release 2)	ICT40615 Certificate IV in Information Technology Testing (Release 1)	Updated unit codes.	Equivalent qualification

## Links

Companion volumes available from the IBSA website:

[http://www.ibsa.org.au/companion\\_volumes](http://www.ibsa.org.au/companion_volumes) -

[http://companion\\_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=18](http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=18)