



**Australian Government**

# **ICT80315 Graduate Certificate in Telecommunications**

**Release 1**

## ICT80315 Graduate Certificate in Telecommunications

### Modification History

Release	Comments
Release 1	This qualification first released with ICT Information and Communications Technology Training Package Version 1.0.

### Qualification Description

This qualification provides the skills and knowledge for individuals to lead strategic and operational information and telecommunications networking solutions. Services and solutions cover a wide range of simple and convergent information and communications technologies requiring the analysis of current and future business and customer requirements; service or solution design; testing, delivery and optimisation.

The individual devises innovative solutions and delivery, using extensive consultation and collaboration with key stakeholders, in a range of situations including complex, geographically dispersed organisations.

### Licensing/Regulatory Information

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

## Entry Requirements

Entry to this qualification is limited to those who:

- Have completed a Bachelor degree in related fields of study.

or

- Have completed a Diploma or Advanced Diploma qualification in related fields of study and 2 years equivalent full-time relevant workplace experience at a significant level of leadership and management responsibility and/or complexity in an enterprise.

or

- Three years equivalent full-time relevant workplace experience at a significant level of leadership and management responsibility and/or complexity in an enterprise.

## Packaging Rules

**Total number of units = 4**

**1 core unit** plus

**3 elective units**

The elective units must be relevant to the industry-supported vocational outcomes, local industry requirements and is to be chosen as follows:

The elective units consist of:

- up to 3 from the elective units listed below
- up to 1 from elsewhere in ICT Information and Communications Technology Training Package or accredited course at Graduate Certificate level or above.

Units selected from other Training Packages or accredited courses must not duplicate units selected from or available within the ICT Information and Communications Technology Training Package.

### Core units

ICTPMG8143B Manage a telecommunications project

### Elective units

BSBINN801 Lead innovative thinking and practice

BSBLDR803 Develop and cultivate collaborative partnerships and relationships

ICTICT811 Manage an information architecture project

ICTICT813 Manage ICT services

ICTICT815 Manage automated ICT system applications using enterprise wide operating system

ICTPMG8142A Manage a telecommunications workplace

ICTPMG8149B Evaluate and use telecommunications management networks

ICTRFN801 Produce a radio link budget

ICTRFN8180B Analyse a cellular mobile network system

ICTRFN8181B Analyse a satellite communications system

ICTSUS804 Use ICT to improve sustainability outcomes

ICTSUS8237A Lead applied research in ICT sustainability

ICTSUS8238A Conduct and manage a life cycle assessment for sustainability

ICTTEN802 Manage alignment of systems with product and technology strategy

ICTTEN803 Translate domain and solution architectures into platform requirements and designs

ICTTEN804 Manage end to end architectural solutions across multiple domains

ICTTEN805 Manage solution architecture and impacts in line with organisational processes

ICTTEN806 Manage application layer solutions

ICTTEN807 Lead voice, data and internet protocol network solutions

ICTTEN808 Manage network testing strategies

ICTTEN809 Analyse business specifications to produce technical solutions

## Qualification Mapping Information

<b>Code and title current version</b>	<b>Code and title previous version</b>	<b>Comments</b>	<b>Equivalence status</b>
ICT80315 Graduate Certificate in Telecommunications	Not applicable	New qualification	No 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://www.ibsa.org.au/companion\\_volumes](http://www.ibsa.org.au/companion_volumes)