



Australian Government

ICT80315 Graduate Certificate in Telecommunications

Release 2

ICT80315 Graduate Certificate in Telecommunications

Modification History

Release	Comments
Release 2	This version released with ICT Information and Communications Technology Training Package version 2.0. Release 2 created to complete minor edits and 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 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 any other 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

ICTPMG802 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

ICTPMG801 Manage a telecommunications workplace

ICTPMG804 Evaluate and use telecommunications management networks

ICTRFN801 Produce a radio link budget

ICTRFN802 Analyse a cellular mobile network system

ICTRFN803 Analyse a satellite communications system

ICTSUS804 Use ICT to improve sustainability outcomes

ICTSUS806 Lead applied research in ICT sustainability

ICTSUS807 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

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT80315 Graduate Certificate in Telecommunications (Release 2)	ICT80315 Graduate Certificate in Telecommunications (Release 1)	Minor edits. Updated unit codes.	Equivalent qualification

Links

Companion volumes available from the IBSA website:

http://www.ibsa.org.au/companion_volumes -

http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=18