



Australian Government

ICT80515 Graduate Diploma of Telecommunications and Strategic Management

Release: 2

ICT80515 Graduate Diploma of Telecommunications and Strategic Management

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 individuals to undertake strategic commercial and technical roles in the telecommunications industry. Individuals in this capacity collaborate with business leaders to set the telecommunications agenda, creating and deploying innovative and collaborative technologies that connect people and communities, enable superior levels of personal and collective productivity, and viably grow the telecommunications industry and enterprise profitability.

The individual is an authority and trusted business advisor in strategy development, identifying, designing, developing and deploying tomorrow's solutions. The individual leads and applies research; and analyses, designs, develops and deploys technical and commercially viable integrated solutions for businesses and organisations. The individual is regularly called upon to solve highly complex business and technical problems in geographically dispersed, dynamic and challenging environments.

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 and 2 years equivalent full-time relevant workplace experience at a significant level of project or program leadership and management responsibility and/or complexity in an enterprise.

or

Have completed a Diploma or Advanced Diploma qualification in related fields of study and 3 years equivalent full-time relevant workplace experience at a significant level of project or program leadership and management responsibility and/or complexity in an enterprise.

or

Five 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 = 8

2 core units *plus*

6 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 6 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

BSBINN801 Lead innovative thinking and practice

ICTICT809 Facilitate business analysis

Elective Units

ICTICT801 Lead research into identifying new marketplace opportunities

ICTICT803 Endorse business plan components for a new initiative

ICTICT808 Direct the development of a knowledge management strategy for a business

ICTICT812 Develop a business intelligence framework

ICTICT814 Develop cloud computing strategies for a business

ICTICT815 Manage automated ICT system applications using enterprise wide operating system

ICTPMG802 Manage a telecommunications project

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

ICTSUS806 Lead applied research in ICT sustainability

ICTSUS807 Conduct and manage a life cycle assessment for sustainability

ICTTEN801 Plan a transmission network

ICTTEN805 Manage solution architecture and impacts in line with organisational processes

ICTTEN807 Manage voice, data and internet protocol network solutions

ICTTEN808 Manage network testing strategies

ICTTEN809 Analyse business specifications to produce technical solutions

ICTTEN810 Investigate the application of cloud networks in telecommunications switching

ICTTEN811 Evaluate and apply network security

ICTTEN812 Evaluate and apply digital signal processing to communications system

ICTTEN813 Produce engineering solutions using numerical computations and simulation

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT80515 Graduate Diploma of Telecommunications and Strategic Management (Release 2)	ICT80515 Graduate Diploma of Telecommunication s and Strategic Management (Release 1)	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