



Australian Government

ICT50315 Diploma of Information Technology Systems Administration

Release: 2

ICT50315 Diploma of Information Technology Systems Administration

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 administering a variety of networked computer systems. The qualification has a strong information technology base of core units with the potential for inclusion of a range of broader industry-specific units in the areas of virtualisation, sustainability and project management to suit particular needs.

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 = 19

10 core units *plus*

9 elective units

The elective units consist of:

- up to 9 elective units 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 Diploma or Advanced Diploma level.

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

Core units

BSBSUS501 Develop workplace policy and procedures for sustainability

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

ICTICT509 Gather data to identify business requirements

ICTNWK513 Manage system security

ICTSAS406 Implement and hand over system components

ICTSAS502 Establish and maintain client user liaison

ICTSAS505 Review and update disaster recovery and contingency plans

ICTSAS512 Review and manage delivery of maintenance services

ICTSAS515 Manage the testing process

ICTTEN516 Produce technical solutions from business specifications

Elective units

ICTICT501 Research and review hardware technology options for organisations

ICTICT511 Match ICT needs with the strategic direction of the enterprise

ICTICT514 Identify and manage the implementation of current industry specific technologies

ICTICT515 Verify client business requirements

ICTNWK501 Plan, implement and test enterprise communication solutions

ICTNWK502 Implement secure encryption technologies

ICTNWK504 Design and implement an integrated server solution

ICTNWK505 Design, build and test a network server

ICTNWK506 Configure, verify and troubleshoot WAN links and IP services in a medium enterprise network

ICTNWK509 Design and implement a security perimeter for ICT networks

ICTNWK525 Configure an enterprise virtual computing environment

ICTNWK527 Manage an enterprise virtual computing environment

ICTNWK529 Install and manage complex ICT networks

ICTNWK531 Configure an internet gateway

ICTNWK533 Configure and manage advanced virtual computing environments

ICTNWK534 Monitor and troubleshoot virtual computing environments

ICTNWK535 Install an enterprise virtual computing environment

ICTNWK615 Design and configure desktop virtualisation

ICTPMG501 Manage ICT projects
 ICTSAD506 Produce a feasibility report
 ICTSAS503 Perform systems tests
 ICTSAS513 Develop detailed test plans
 ICTSAS517 Use network tools
 ICTSAS518 Install and upgrade operating systems
 ICTSUS501 Implement server virtualisation for a sustainable ICT system
 ICTSUS601 Integrate sustainability in ICT planning and design projects
 ICTSUS602 Establish a business case for sustainability and competitive advantage in ICT projects
 ICTTEN611 Produce an ICT network architecture design

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT50315 Diploma of Information Technology Systems Administration (Release 2)	ICT50315 Diploma of Information Technology Systems Administration (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