Australian Government

ICT41015 Certificate IV in Computer Systems Technology

Release: 2

INDUSTRY
SKILLS
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ICT41015 Certificate IV in Computer Systems Technology

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 install and administer simple networks, servers, and client desktop deployments either as an independent information and communications technology (ICT) specialist 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
12 core units *plus*
8 elective units

The elective units consist of:

- up to 8 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
BSBWHS304 Participate effectively in WHS communication and consultation processes
ICTICT401 Determine and confirm client business requirements
ICTICT418 Contribute to copyright, ethics and privacy in an ICT environment
ICTICT421 Connect, maintain and configure hardware components
ICTNWK404 Install, operate and troubleshoot a small enterprise branch network
ICTNWK405 Build a small wireless local area network
ICTPRG414 Apply introductory programming skills in another language
ICTSAS425 Configure and troubleshoot operating system software
ICTSAS426 Locate and troubleshoot ICT equipment, system and software faults
ICTTEN417 Install, configure and test a router
ICTWEB411 Produce basic client-side script for dynamic web pages

Elective units
BSBCRT401 Articulate, present and debate ideas
ICTICT405 Develop detailed technical design
ICTICT408 Create technical documentation
ICTICT412 Coordinate and maintain ICT work teams
ICTICT415 Provide one-to-one instruction
ICTICT417 Identify, evaluate and apply current industry specific technologies to meet industry standards
ICTICT423 Select cloud storage strategies
ICTNWK401 Install and manage a server
ICTNWK402 Install and configure virtual machines for sustainable ICT
ICTNWK403 Manage network and data integrity
ICTNWK407 Install and configure client-server applications and services
ICTNWK408 Configure a desktop environment
ICTNWK419 Identify and use current virtualisation technologies
ICTNWK507 Install, operate and troubleshoot medium enterprise routers
ICTPMG401 Support small scale ICT projects
ICTPRG406 Apply introductory object-oriented language skills
ICTPRG409 Develop mobile applications

ICTSAS307 Install, configure and secure a small office or home office network

ICTSAS420 Provide first-level remote help-desk support

ICTTEN202 Use hand and power tools

ICTTEN416 Install, configure and test an internet protocol network

ICTWEB414 Design simple web page layouts

ICTWEB415 Produce server-side script for dynamic web pages

ICTWEB425 Apply structured query language to extract and manipulate data

ICTWEB429 Create a markup language document to specification

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT41015 Certificate IV in Computer Systems Technology (Release 2)	ICT41015 Certificate IV in Computer Systems Technology (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