



Australian Government

**ICT30215 Certificate III in
Telecommunications Digital Reception
Technology**

Release 1

ICT30215 Certificate III in Telecommunications Digital Reception Technology

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

Qualification Description

This qualification reflects the role of an operator working in the telecommunications industry who can apply a broad range of competencies in a varied work context of installation of a limited range of digital reception equipment for either a customer or an enterprise. Fault-finding skills on a range of digital reception equipment for Subscription TV and Free-to-air TV reception are acquired.

Licensing/Regulatory Information

Work functions in the occupational areas where this qualification may be used are subject to regulatory requirements. Refer to the ICT Implementation Guide Companion Volume or the relevant regulator for details of licensing, legislative or certification requirements.

Cabling at the customer premises must be carried out according to requirements of the Australian Communications and Media Authority (ACMA) and relevant industry registration bodies, and in line with the specifications of the access network owner. Refer to "Pathways to ACMA Cabling Provider Rules - Cabling registration" and the mandatory industry practical hours required for registration.

Entry Requirements

Nil

Packaging Rules

Total number of units = 16

9 core plus

7 electives units

The elective units consist of:

- 1 elective unit selected from Group A Workplace elective units
- up to 6 elective units selected from Group B Specialised elective units and/or Group C General elective units, with no more than 2 units selected from the Work health and safety sub-group
- up to 2 of units of competency may be selected from any currently endorsed Training Package or accredited course at AQF Level 3 or 4.

Elective units must be relevant to the work environment and the qualification, maintain the integrity of the Australian Qualifications Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome.

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

ICTCBL237 Install, maintain and modify customer premises communications cabling:
ACMA Open Rule*

ICTCBL236 Install, maintain and modify customer premises communications cabling:
ACMA Restricted Rule*

ICTDRE303 Install a complex digital reception system

ICTRFN201 Install a satellite antenna

ICTRFN202 Install a terrestrial antenna

ICTTEN201 Use electrical skills in telecommunications work

ICTTEN202 Use hand and power tools

ICTWHS204 Follow work health and safety and environmental policy and procedures

ICTWOR201 Work effectively in telecommunications technology

Elective Units

Group A - Workplace elective units

BSBCUS201 Deliver a service to customers

BSBSMB305 Comply with regulatory, taxation and insurance requirements for the micro business

BSBSMB306 Plan a home based business

BSBSUS401 Implement and monitor environmentally sustainable work practices

ICTSAS305 Provide ICT advice to clients

ICTSMB401 Set up and operate a contractor business

Group B - Specialised elective units

Cabling

- ICTCBL206 Alter services to existing cable systems
- ICTCBL219 Apply safe technical work practices for cabling registration when configuring an ADSL circuit
- ICTCBL220 Install a cable lead-in
- ICTCBL301 Install, terminate and certify structured cabling installation
- ICTCBL303 Install and terminate coaxial cable
- ICTCBL306 Locate and identify cable system faults

Broadband and wireless networks

- ICTBWN301 Perform tests on optical communication system and components
- ICTBWN305 Use optical and radio frequency measuring instruments

Digital reception technology

- ICTDRE301 Install digital reception equipment
- ICTDRE302 Locate and rectify digital reception equipment faults
- ICTDRE304 Design communications wiring systems for customer premises
- ICTDRE305 Develop integrated digital reception systems
- ICTDRE401 Integrate customer digital reception equipment
- ICTDRE402 Integrate data delivery modes
- ICTTEN415 Install and configure internet protocol TV in a home network

ICT use

- ICTICT302 Install and optimise operating system software
- ICTICT303 Connect internal hardware components
- ICTNWK301 Provide network systems administration

Work health and safety

- CPCCOHS1001A Work safely in the construction industry
- CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry (*Note: CPCCOHS2001A is a prerequisite unit for CPCCCM2007B. It is not to be selected without CPCCCM2007B.*)
- ICTWHS201 Provide telecommunications services safely on roofs or RIIWHS204D Work safely at heights
- ICTWHS203 Work safely near power infrastructure

Radio frequency networks

- ICTRFN401 Conduct radio frequency measurements

Group C - General elective units

- CPCCCM2007B Use explosive power tools*
- CPCCDE3014A Remove non-friable asbestos*
- RIIHAN301D Operate elevating work platform
- TLID2010A Operate a forklift
- TLID3035A Operate a boom type elevating work platform

*Note the following prerequisite unit requirements:

Unit in this qualification	Prerequisite unit
ICTCBL236 Install, maintain and modify customer premises communications cabling: ACMA Restricted Rule	ICTWHS204 Follow work health and safety and environmental policy and procedures ICTTEN201 Use electrical skills in telecommunications work
ICTCBL237 Install, maintain and modify customer premises communications cabling: ACMA Open Rule	ICTCBL236 Install, maintain and modify customer premises communications cabling: ACMA Restricted Rule
CPCCCM2007B Use explosive power tools	CPCCOHS2001A Apply OHS requirements, policies and procedures in the construction industry
CPCCCDE3014A Remove non-friable asbestos	CPCCOHS1001A Work safely in the construction industry

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICT30215 Certificate III in Telecommunications Digital Reception Technology	ICT30413 Certificate III in Telecommunications Digital Reception Technology	Updated to meet Standards for Training Packages. Changed packaging rules. Changed core units.	No equivalent qualification

Links

Companion volumes are available from the IBSA website -

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