

for your information

**TELECOMMUNICATIONS
INDUSTRY
APPRENTICESHIP
INFORMATION**

■ A CEPU Membership Service

IT'S TIME TO INVEST IN THE FUTURE OF THE TELECOMMUNICATIONS INDUSTRY BY UPSKILLING OUR WORKFORCE

A trained and efficient workforce is essential to productivity, growth and commercial competitiveness in the market place. The Apprenticeship and Traineeship System expands opportunities in the workplace, by partnering industry with Commonwealth and State/Territory Governments to provide recognised and accredited training.

Background

CITT and TITAB in conjunction with Innovation and Business Skills Australia (IBSA), the Telecommunications Industry Skills Council, and the Telecommunications Industry Training Network (TITN) have developed *an Apprenticeship for the Telecommunications industry*. This Apprenticeship will lead to a multi-skilled technician with a broad range of Telecommunications and IT skills, able to install, maintain and alter telecommunications systems and general equipment in customer premises and some linked network locations in a converging environment.

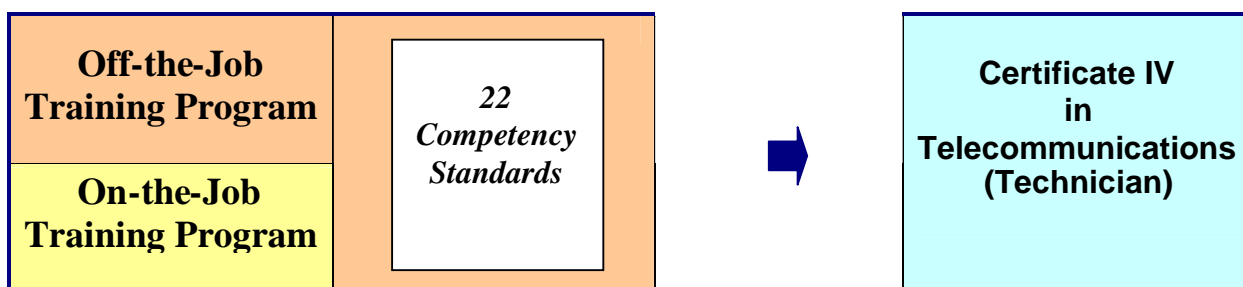
Certificate IV in Telecommunications (Technician):

The objective of the 3-year Apprenticeship in Telecommunications (Technician) is to provide industry with a multi-skilled tradesperson who has achieved a fixed set of 22 industry competency standards within a defined training program. In order to meet the particular vocational outcomes, this Apprenticeship is comprised of competency standards drawn from AQF levels 2, 3 and 4 in the Telecommunications Training Package (ICT02) and the Information and Communications Technology Training Package (ICA05).

The Apprenticeship includes:

CERTIFICATE IV TELECOMMUNICATIONS (TECHNICIAN): 18 Core Competencies
Unit titles
Operate a personal computer
Install and manage network protocols
Install and configure a network
Run standard diagnostic tests
Integrate commercial computer packages
Install cable support systems
Place and secure cable
Terminate metallic conductor cable
Organise & monitor cabling to ensure compliance with regulatory & industry standards
Install customer premises systems and equipment
Train customers
Install Pay TV set top unit

Locate and rectify network faults on a first in basis
Repair and replace telecommunications network hardware
Locate and diagnose electronic faults
Use hand and power tools
Administer a data communications network (LAN or WAN)
Work Safely near Power Infrastructure
Electives (Select 4 competencies)
Unit titles
Place, secure and terminate co-axial cable
Install functional and protective telecommunications earthing equipment
Alter services to existing cable system
Cutover new customer premises systems and equipment
Install network telecommunications equipment
Install telecommunications service to a building
Complete network equipment/software upgrades
Undertake routine maintenance of the telecommunications network
Undertake remote repair of network faults
Locate and rectify Pay TV set top unit faults



This qualification and the competencies will also provide an excellent base for training progression to the Diploma and Advanced Diploma in Telecommunications.

Contacts for the Apprenticeship:

Australian Apprenticeships are a structured tripartite arrangement involving both on and off the job training for persons employed under a State approved Training Agreement such as the Certificate IV.

Under Australian Apprenticeships, Employers need to discuss their options with both the Australian Apprenticeship Centres and a Registered Training Organisation.

The Australian Apprenticeship Centres (AACs):

- Assist Employers, Apprentices and Training Providers with the signing of training contracts
- Assess eligibility, approve and process the payment of employer incentives, scholarships and income support payments; and
- Provide other administration services and support including documentation and incentives.

Contact Steve Holmes at MEGT (Email: steve_holmes@megt.com.au for information on Apprenticeship Contracts and Apprenticeship Incentives).

The Registered Training Organisation (RTO), such as RMIT, delivers the Certificate IV in Telecommunications (Technician) as the approved Industry Training Program.

Contact Ling Shang at RMIT (Email: ling.shang@rmit.edu.au for information about the training delivery component of this Apprenticeship)