

## Training Package

ICA99 Information Technology

## Qualifications

ICA50499 Diploma of Information Technology (Network Engineering)

## Competencies

### Core

BSX154L501 Guide application of project integrative process

BSX154L602 Manage scope

BSX154L604 Manage cost

BSX154L605 Manage quality

BSX154L606 Manage human resources

BSX154L607 Manage communications

BSX154L608 Manage risk

BSX154L609 Manage procurement

ICAITAD045A Produce network/communication design

ICAITAD044A Develop system infrastructure design plan

ICAITI098A Install and manage complex networks

ICAITI099A Build an intranet

ICAITS123A Manage network security

ICAITS122A Troubleshoot and resolve network problems

### Electives

ICAITI087A Acquire system components

ICAITI100A Build an Internet infrastructure

## Description

The Networker's Patch Panel covers 16 competency units from the Diploma of Information Technology (Network Engineering), including nearly all of the core competencies. Learners work through a series of projects that involve such things as designing network project plans, system infrastructure plans, and network communications and security, as well as building and managing a complex network and an intranet with Internet connectivity.

The learning approach adopted is "problem-based" – for each project learners are provided with a brief which summarises its purpose and requirements, and they access learning resources of various types on a "need to know" basis in the context of their project work. These resources include websites, specially developed screen-based tutorials, and networking tools and templates that can be downloaded.

The Networker's Patch Panel also provides communications facilities that are easy to use and convenient. These provide a mechanism to promote interaction between learners, and between learners and their teachers and mentors.

## Toolbox Website

For further information, online previews, support and purchasing, visit:

<http://www.flexiblelearning.net.au/toolbox>

