

COMPUTER SUPPORT/ NETWORK MANAGER



- ICA40405 Certificate IV in Information Technology (Networking)
- A+
- Network +
- Microsoft Certified Systems Administrator (MCSA)
- ACIT Professional Network Administrator



Australian College of Information Technology

CREATING WORLD CLASS I.T. PROFESSIONALS SINCE 1995



OVERVIEW

This Certificate IV of Information Technology (Networking) is for anyone seeking a successful career in Computer Servicing, Network Administration, or Desktop Support. The program consists of a series of powerful industry certification training modules as well as practical training on how to administer and maintain a Microsoft network. These modules teach students the core body of knowledge within these highly in demand certifications and prepare students to take the respective international certification exams.

The certifications taught are A+, Network+, and Microsoft Certified Systems Administrator (MCSA). The training is relevant, practical, and hands on. The program provides a foundation for further study towards MCSE and Diploma of Information Technology (Networking).

VOCATIONAL OUTCOMES

- Network Administration
- Network Management
- I.T. Co-ordinator
- Field Service Engineer
- User/Technical Support Officer
- Computer Servicing
- Desktop Support Officer
- Help Desk Officer



COURSE SUBJECTS

The Certificate IV in Information Technology (Networking) Course contains 5 subjects. Each subject is designed as a self-standing professional course, covering a specific IT subject in detail. Each subject consists of a specified number of hours, which may include lectures, tutorials, practical exercises, assignments, and directed private study.

A+ THEORY

The A+ Theory subject provides students with a comprehensive understanding of how to build and service Personal Computer (PC) hardware and how to install and configure commonly used PC operating systems.

The course provides a theory foundation for a career in PC servicing and is a starting point for further studies towards a career in network administration, network engineering, and system administration. The course covers the A+ certification exam objectives.

NETWORK+ THEORY

The Network+ Theory subject provides students with a comprehensive understanding of how to build and configure Computer networks and install and configure commonly used network operating systems. The course provides a theory foundation for a career in network installation and servicing and is a starting point for further studies towards a career in network administration, network engineering, and system administration. The course covers the Network+ certification exam objectives.



A+ PRACTICAL

The A+ practical subject provides students with an opportunity to obtain the knowledge and skills necessary to service microcomputer hardware and supported peripherals, build a computer from parts, install and configure commonly used PC operating systems, and prepare for a successful result on the CompTIA A+ PC Hardware and Operating System exams.

Upon conclusion of this subject, students will be able to:

- Identify all parts of a PC
- Discuss the functions and interactions of all PC subsystems
- Identify and troubleshoot common PC hardware problems
- Select quality PCs and constituent components based on performance and cost
- Install, replace, and upgrade PC hardware components
- Install and troubleshoot PC peripherals such as printers and modems
- Install and configure commonly used PC operating systems



NETWORK+ PRACTICAL

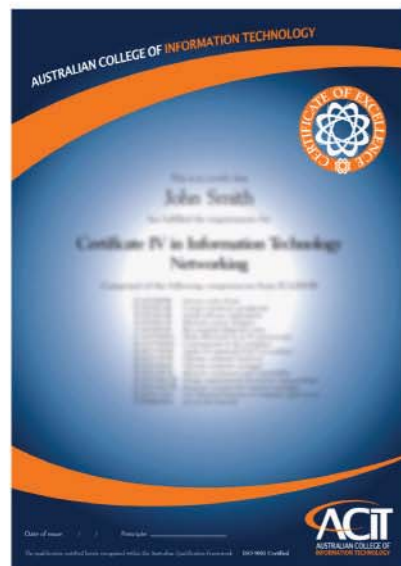
The Network+ Practical subject provides students with a practical hands-on approach to building and configuring computer networks and installing and configuring commonly used network operating systems.

The course provides a theory foundation and practical skills for a career in network installation and servicing and is a foundation for further studies towards a career in network administration, network engineering, and system administration. The course covers the Network+ certification exam objectives. Upon conclusion of this subject, students will have a working knowledge of:

- Network Protocols
- Networking Hardware
- WANs, Internet Access, and Remote Connectivity
- Network Operating Systems and Windows Server -Based Networking
- Networking with UNIX-Type of Operating Systems
- NetWare-Based Networking
- In-Depth TCP/IP Networking
- Network Security



CERTIFICATE IV IN IT NETWORKING



MCSA CORE

Build your information technology (IT) career with the Microsoft Certified Systems Administrator (MCSA) on Microsoft Windows Server credential. The **Microsoft Certified Systems Administrator (MCSA)** certification will advance your career by ensuring you have the skills to successfully manage and troubleshoot system environments running on the Microsoft Windows operating system. Upon conclusion of this subject, students will be able to:

- Manage user and computer accounts
- Manage access to resources
- Manage printing
- Manage access to objects in using organisational units
- Manage the user and computer environment by using Group Policy
- Manage data storage
- Manage disaster recovery
- Maintain Windows Server security
- Implement, manage, and maintain the typically complex computing environment of medium- to large sized companies.

INTERNATIONAL STUDENTS PREREQUISITES

- IELTS LEVEL 5.5 (if English is not your first language).
- Australian year 10 or equivalent. Eg. G.C.E. O LEVEL
- Certificate II In Information Technology

Note: Students can obtain the nationally recognized qualification without industry certification

Disclaimer: Offer of course units is subject to student number viability. Information in course summaries is subject to change prior to commencement of course units. This document, together with the pre-enrolment information and course unit outlines form the full and complete description of this course.



**Precept Education Pty Ltd ATF
Australian College of
Information Technology**
www.acit.edu.au

International students

Phone: +61 7 5578 8122

Email: international@acit.edu.au

Gold Coast

107 Lakeside Bermuda Point

20 Lake Orr Drive

Varsity Lakes, Queensland 4227

Phone: +61 7 5578 8122

Fax: +61 7 5578 8077

Brisbane

Ground Level,

37 Boundary Street,

South Brisbane, Queensland 4101

Phone: +61 7 3844 2527

All Correspondence to:

107 Lakeside Bermuda Point, 20 Lake Orr Drive

Varsity Lakes, Qld 4227, Australia