

# Course Outline

## Network +

Other Information	
<b>Network +</b>	
<b>Days</b>	5
<b>Starting Time</b>	9:00
<b>Finish Time</b>	4:30
Lunch & refreshments are included with this course.	

### Course Description

This course is designed to train students in basic Networking skills, provide students with the knowledge necessary to configure and install the TCP/IP client and prepare students for the Network+ certification exam

### N+ Exam

This course will help the student prepare for the following Comptia exam—

- N10 - 001

### Pre-Requisites

Recommended prerequisites are A+ certification or equivalent knowledge.



### Course Outline

#### Ø Module 1: Network Cables and Devices

- The OSI Model
- Network Adapters
- Network Cabling
- Topology and Physical Layout
- Bridges, Routers and Routers
- Remote Connectivity
- Troubleshooting Hardware Components

#### Ø Module 2: Network Protocols

- Protocols and the OSI Model
- Transport Protocols
- TCP/IP Fundamentals
- Subnetting and Routing
- Name Resolution
- Proxies and Firewalls
- Troubleshooting Tools
- Remote Access Protocols

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**Course Outline (Continued)**

**Ø Module 3: Network Operating Systems**

- Introduction to Network Operating Systems
- Network Clients
- Directory Services
- Administrative Utilities
- User Management Under Windows NT
- User Management Under NetWare
- Accessing Resources on a Windows NT Server
- Accessing Resources on a NetWare Server
- Optimising and Maintaining a Windows NT Server
- Optimising and Maintaining a Netware Server

**Ø Module 4: Network Design, Implementation and Maintenance**

- Planning
- Hardware Resources
- Fault Tolerance
- Routine Maintenance
- Upgrade and Modifications
- Troubleshooting