

Unit Title: Computer Networks	
Level:	Two
Credit Value:	3
GLH:	24
OCNLR Unit Code:	CN0/2/LQ/016
Ofqual Unit Reference Number:	J/616/8994

This unit has 3 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the principles of networking computers and the associated benefits and disadvantages.	1.1. Identify different computer networks and explain their uses e.g. WAN, LAN, WLAN and MAN. 1.2. Describe how a VPN works and the benefits they afford businesses. 1.3. Explain the advantages and disadvantages of wired and wireless networks, e.g. security, flexibility and BYOD (Bring Your Own Device).
2. Be able to use networking devices and software.	2.1. Set up a simple computer network using devices which interact and operate correctly, e.g. client server or peer-to-peer. 2.2. Install computer network software to enable the creation of administrator and restricted user accounts, e.g. network utility tools, network operating systems and application software. 2.3. Transfer stored files across a computer network using two protocols, e.g. FTP and TCP/IP.

3. Understand security features and requirements for computer networks.

3.1. Describe the potential security threats computer networks may encounter, e.g. hacking, DDOS and malware.
3.2. Install and configure appropriate software/utilities which ensure a computer network is secure when in use e.g. end-to-end encryption, firewalls and anti-malware.

Assessment

The grid below provides suggestions for the types of assessment activities that can be used with the unit attached to provide evidence for the learner's portfolio. Please refer to the OCN London Assessment Guidance document for definitions of each activity and the expectations for assessment practice and evidence for moderation.

Case Study		Project	✓
Written question & answer/test/exam	✓	Role play/simulation	
Essay		Practical demonstration	
Report		Group discussion	✓
Oral question and answer	✓	Performance/exhibition	
Written description	✓	Production of artefact	
Reflective log/diary		Practice file	✓