

Unit Title: Hardware and Software	
Level:	Two
Credit Value:	4
GLH:	32
OCNLR Unit Code:	CN0/2/LQ/009
Ofqual Unit Reference Number:	L/616/8897

This unit has 5 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the operation of a PC system.	1.1. Explain the meaning of key specialist terminology e.g. BIOS, R.O.M., R.A.M., Cache, CPU, ALU etc. 1.2. Suggest improvements to hardware performance for a given system. 1.3. Describe the functions of an operating system.
2. Be able to upgrade and troubleshoot hardware.	2.1. Ascertain hardware performance and upgrade hardware components to improve performance e.g. increased memory, additional hard drive(s).
3. Be able to assemble a PC.	3.1. Assemble components to produce a working PC.
4. Be able to install and configure software.	4.1. Install and configure an operating system. 4.2. Install application software. 4.3. Uninstall software. 4.4. Identify and comply with legal requirements e.g. copyright.
5. Be able to use system tools/utilities.	5.1. Back up and compress files/system. 5.2. Defragment a hard drive.

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	✓