

Unit 203: Set Up an IT System

Unit reference number: L/502/4210

Level: 2

Credit value: 4

Guided learning hours: 30

Unit summary

This unit is about the skills and knowledge to connect up an IT system with a range of hardware, removable storage media and a communication service safely and run more advanced tests to check it is working successfully.

Assessment requirements/evidence requirements

Evidence of achievement can be derived from a variety of sources.

Learners who use their IT skills directly in their day-to-day work can prove their competence whilst doing so. Alternatively learners can use scenarios and knowledge tests — or a mixture of both — to demonstrate competence.

Assessment methodology

All ITQ units may be assessed using any method, or combination of methods, which clearly demonstrates that the learning outcomes and assessment criteria have been met.

Whilst assessors are required to have a sound understanding of the unit requirements and be able to give appropriate feedback to learners, they do not have to be A1 qualified. However, ideally every assessor should have ITQ Level 3 or equivalent in order to be able to adequately assess at that level and below.

Learning outcomes and assessment criteria

Learning outcomes	Assessment criteria	Evidence type	Portfolio reference	Date
<p>1 Select and connect up a personal computer safely with associated hardware and storage media to meet needs</p>	<p>1.1 Describe what IT system components, storage and peripheral devices are needed</p> <p>1.2 Describe any health and safety issues associated with setting up an IT system</p> <p>1.3 Describe the characteristics of IT systems that affect performance</p> <p>1.4 Select and connect up the components of an IT system safely, including any peripheral devices and storage media</p>			
<p>2 Select and connect an IT system to a communication service to meet needs</p>	<p>2.1 Select and connect communication hardware safely to an IT system</p> <p>2.2 Describe the factors that affect data transfer</p> <p>2.3 Select and connect to a communication service from an IT system</p> <p>2.4 Identify the login and password details needed to connect to an internet Service Provider (ISP)</p>			

Learning outcomes	Assessment criteria	Evidence type	Portfolio reference	Date
3 Install and configure software for use	3.1 Configure the user interface to meet needs 3.2 Describe what security precautions need to be addressed 3.3 Set up and configure virus protection software 3.4 Install and set up application software to meet needs 3.5 Backup and restore system and data files			
4 Check that the IT system and communication service are working successfully	4.1 Identify what tests can be used to check the IT system and communications 4.2 Select and run suitable tests to make sure that the system and communications service are working successfully 4.3 Identify the help and troubleshooting facilities available to solve problems 4.4 Respond to faults and error messages and use help and troubleshooting facilities to determine and take appropriate action			

Learner name: _____

Date: _____

Learner signature: _____

Date: _____

Assessor signature: _____

Date: _____

Internal verifier signature: _____

Date: _____

(if sampled)