

Unit Title:	Support the design and development of an information system
OCR unit number	316
Sector unit number	L/601/2536
Level:	3
Credit value:	7
Guided learning hours:	35

Unit purpose and aim

This unit is about contributing to the design and development of an information system that will meet identified needs in a business environment.

Learning Outcomes	Assessment Criteria	Exemplification
<p>The Learner will:</p> <p>1. Understand the purpose of supporting the design and development of an information system</p>	<p>The Learner can:</p> <p>1.1 Explain the purpose and value of contributing to the design and development of an information system</p> <p>1.2 Describe ways of contributing to the design and development of an information system</p>	<p>Learning outcomes 1 and 2 must be assessed using methods appropriate to the assessment of knowledge and understanding. A holistic approach to assessment should be adopted so that one piece of evidence covers more than one learning outcome and several assessment criteria and where appropriate, can be evidenced across units.</p>
<p>2. Understand how to contribute to the design and development of an information system</p>	<p>2.1 Explain the purpose and value of contributing own user needs for an information system</p> <p>2.2 Explain the benefits of developing a system specification based on user needs</p> <p>2.3 Describe ways of contributing to the creation, design and development of an information system</p> <p>2.4 Explain the purpose and value of contributing to the testing of an information system during design and development</p>	

3. Be able to contribute to the design and development of an information system	3.1 Identify and agree the information to be managed 3.2 Contribute to the design and development of an information system to meet agreed specification requirements 3.3 Support system testing 3.4 Identify and report faults 3.5 Remedy faults, within limits of own authority	Assessment should be planned to maximise the opportunities for the candidate to demonstrate their ability to support the design and development of an information system
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Assessment

This unit is centre assessed and externally verified. Your assessor will use a range of assessment methods which may include:

- observation of performance in the work environment
- examination work products
- questioning the learner
- discussing with the learner
- use of others (witness testimony)
- looking at learner statements
- recognising prior learning

Evidence requirements

A range of evidence should be gathered to cover the Learning Outcomes and Assessment Criteria. Examples may include:

- Specification requests for an information system
- Correspondence relating to the agreement of a development plan for designing an information system
- Records of activity relating to the design and development of an information system
- Records of systems testing
- Monitoring of information system to identify faults
- Records of reporting system faults
- Activity to rectify faults identified
- Correspondence relating to analysis and solving of problems
- Feedback on the system
- Suggestions for further system development

National Occupational Standards (NOS) mapping/signposting

This unit is based on the NOS BAD 111 Support the design and development of information systems

NOS can be viewed on the relevant Sector Skills Council's website or the Occupational standards directory at www.ukstandards.co.uk.

Functional skills signposting

This section indicates where candidates may have an opportunity to develop their functional skills.

Link to functional skills standards <http://www.qcda.gov.uk/15565.aspx>

Functional Skills Standards					
English		Mathematics		ICT	
Speaking and Listening	✓	Representing	✓	Use ICT systems	✓
Reading	✓	Analysing	✓	Find and select information	✓
Writing	✓	Interpreting	✓	Develop, present and communicate information	✓

Resources

Access to a working environment with associated equipment and resources.

Additional information

For further information regarding administration for this qualification, please refer to the OCR document '*Admin Guide: Vocational Qualifications*' (A850) on the OCR website www.ocr.org.uk .