

## Template for CBQ units

Unit	<b>Introduction to IT &amp; Telecoms Systems Development</b>	
SSC Code	ITSD	
SQA Code	H3BL 04	
SCQF Level	5	
SCQF Credit Value	6	
Guided Learning Hours		
Unit summary		
<b>Learning Outcomes</b> The learner will:	<b>Assessment Criteria</b>	
1. Understand IT & Telecoms Systems and the roles of personnel	<p>1.1 Explain the role of IT and Telecoms systems in society</p> <p>1.2 Describe the major components of a contemporary IT or Telecoms system</p> <p>1.3 Describe the roles of personnel in the development, operation and use of IT or Telecoms System</p>	
2. Understand Systems Development Life Cycle (SDLC) models	<p>2.1 Describe top down, bottom up and integrated approaches to systems development</p> <p>2.2 Explain the purposes of the initiation, analysis, design and implementation phases of the IT SDLC</p> <p>2.3 Identify the advantages and disadvantages of the traditional ('waterfall') SDLC model.</p> <p>2.4 Describe two other SDLC models, identifying the type of development for which they are suited</p>	
3. Understand systems development processes	<p>3.1 Describe the advantages and disadvantages of different solution types</p> <p>3.2 Explain the importance of quality assurance and meeting customer requirements during the SDLC and the means by which they can be achieved</p>	

	3.3 Describe the applicability of different methods of gathering information to inform systems development
Additional information about the unit	
Guidance on approaches to assessment	Further guidance is set out in the CBQ Assessment principles developed by e-skills UK and agreed by the Joint Awarding Body Forum.
Details of the relationship between the unit and relevant National Occupational Standards or other professional standards	This unit is based on the e-skills UK NOS for IT professionals (PROCOM) available from <a href="http://www.e-skills.com/nos">www.e-skills.com/nos</a>
Location of the unit within the subject/sector classification system	IT Professional
Name of the organisation submitting the unit	e-skills UK