

Template for CBQ units

Unit	Managing Software Development 1	
SSC Code	MSD1	
SQA Code	H3A1 04	
SCQF Level	7	
SCQF Credit Value	15	
Guided Learning Hours		
Unit summary		
Learning Outcomes The learner will:	Assessment Criteria	
1. Understand the software development process	1.1 Describe common programming paradigms and their applicability 1.2 Describe the stages of the traditional software development lifecycle model 1.3 Identify the key features of alternative approaches to software development 1.4 Identify the common types of procedures and conventions associated with software development	
2. Understand the organisational software development environment	2.1 Describe organisational tools and procedures for software development projects 2.2 Explain organisational conventions for the form, content and structure of software designs 2.3 Explain organisational conventions for the naming and internal documentation of software components 2.4 Describe organisational requirements for the form and content of software maintenance documentation	
3. Contribute to the management of the technical aspects of software development projects	3.1 Provide guidance to others on organisational tools, procedures and conventions for software development	

	<p>3.2 Review the software development work of others for compliance with organisational procedures</p> <p>3.3 Review specified outputs of software development projects for compliance with organisational conventions</p> <p>3.4 Provide feedback to others, where necessary, to improve compliance with organisational procedures and conventions for software development</p> <p>3.5 Accurately document the results of reviews to contribute to the overall improvement of compliance with organisational procedures and conventions for software development</p>
Additional information about the unit	
Guidance on approaches to assessment	<p><i>Learning Outcomes 2 & 3 of this unit must be assessed in the workplace.</i></p> <p>Further guidance is set out in the CBQ Assessment principles developed by e-skills UK and agreed by the Joint Awarding Body Forum.</p>
Details of the relationship between the unit and relevant National Occupational Standards or other professional standards	<p>This unit is based on the e-skills UK NOS for IT professionals (PROCOM) available from www.e-skills.com/nos</p>
Location of the unit within the subject/sector classification system	IT Professional
Name of the organisation submitting the unit	e-skills UK