

Template for CBQ units

Unit	Managing Software Development 2	
SSC Code	MSD2	
SQA Code	H3A2 04	
SCQF Level	8	
SCQF Credit Value	20	
Guided Learning Hours		
Unit summary		
Learning Outcomes The learner will:	Assessment Criteria	
1. Understand the software development process	1.1 Compare and contrast common programming paradigms and their applicability 1.2 Explain the stages of the traditional software development lifecycle model 1.3 Explain the advantages and disadvantages of alternative approaches to software development 1.4 Describe the purposes of procedures and conventions associated with software development	
2. Maintain and develop the organisation's software development environment	2.1 Evaluate current organisational tools and procedures for software development to identify possible improvements 2.2 Review organisational conventions for the outputs of software development projects against best practice and external standards 2.3 Ensure that agreed identified improvements to organisational tools, procedures and conventions for software development are implemented promptly and disseminated to all relevant persons 2.4 Contribute to the development of organisational strategy for software development	
3. Manage the technical aspects of	3.1 Ensure that training and guidance on organisational	

software development projects	<p>tools, procedures and conventions for software development are available to all relevant persons</p> <p>3.2 Ensure that all software development projects are reviewed for compliance with organisational conventions</p> <p>3.3 Ensure that all necessary feedback is provided to improve compliance with organisational procedures and conventions for software development</p> <p>3.4 Evaluate the results of reviews of software development projects to identify improvements to the overall compliance with organisational procedures and conventions</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