

Template for CBQ units

Unit	Procedural Programming 1	
SSC Code	PP1	
SQA Code	H3AD 04	
SCQF Level	5	
SCQF Credit Value	8	
Guided Learning Hours		
Unit summary		
Learning Outcomes The learner will:	Assessment Criteria	
1. Implement software using procedural programming	1.1 Select, declare and initialise variable and data structure types and sizes to meet given requirements 1.2 Implement control structures 1.3 Declare file structures 1.4 Use standard input/output commands 1.5 Use operators and predefined functions 1.6 Correctly use parameter passing mechanisms	
2. Refine a procedural program to improve quality	2.1 Follow an agreed standard for naming, comments and code layout 2.2 Implement data validation for inputs 2.3 Implement error handling and reporting 2.4 Create documentation to assist the users of a computer program	
3. Test the operation of a procedural program	3.1 Use available debugging tools 3.2 Determine expected test results from given test data	

	3.3 Compare actual test results against expected results to identify discrepancies
Additional information about the unit	
Guidance on approaches to assessment	This unit should be assessed in the workplace. 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 www.e-skills.com/nos
Location of the unit within the subject/sector classification system	IT Professional
Name of the organisation submitting the unit	e-skills UK