

## Template for CBQ units

Unit	Data Modelling 2	
SSC Code	DM2	
SQA Code	H3BB 04	
SCQF Level	6	
SCQF Credit Value	6	
Unit summary		
Learning Outcomes The learner will:		Assessment Criteria
1. Understand the concepts of logical data modelling	<p>1.1 Describe entities and the types of attributes which can be assigned to them</p> <p>1.2 Describe the type of relationships which can exist between entities</p> <p>1.3 Explain the objectives of data normalisation and describe the Third Normal Form (3NF)</p> <p>1.4 Explain the types of keys and their use</p> <p>1.5 Describe an application where un-normalised or de-normalised data may be used</p> <p>1.6 Describe the types of standard notation which can be used to represent data sets as logical data models</p>	
2. Use logical data modelling techniques	<p>2.1 Identify and name entities, assigning the correct attributes</p> <p>2.2 Identify and represent entity relationships, assigning the correct type</p> <p>2.3 Normalise a data set to Third Normal Form (3NF)</p>	
3. Use data modelling techniques to create and refine logical data models	<p>3.1 Identify entities which will be accessed for enquiry and/or update</p> <p>3.2 Identify access sequences and triggers</p>	

	<p>3.3 Create access rules/methods</p> <p>3.4 Use a standard notation to represent the logical data model of an un-normalised data set</p>
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