Database

[General level descriptors](#) [1]

Level 1 Unit 6 - Database Software (3 credits)

1. 1. Recognise how to use a database

[1.1 I can identify the main components of a database](#) [2]

[1.2 I can create a database table for a purpose using specified fields](#) [4]

[1.3 I can enter structured data into records to meet requirements](#) [6]

[1.4 I can locate and amend data records](#) [8]

[1.5 I can respond appropriately to data entry error messages](#) [10]

[1.6 I can check data meets needs, using IT tools and making corrections as necessary](#) [11]

2. 2. Use a database

[2.1 I can identify queries which meet information requirements](#) [3]

[2.2 I can run simple database queries](#) [5]

[2.3 I can identify reports which meet information requirements](#) [7]

[2.4 I can generate and print pre-defined database reports](#) [9]

Level 2, Unit 6 - Database Software (4 credits)

1. 1. Create and modify non-relational database tables

[1.1 I can identify the components of a database design](#) [13]

2. 2. Enter, edit and organise structured information in a database

[2.1 I can create forms to enter, edit and organise data in a database](#) [14]

3. 3. Use database software tools to run queries and produce reports

[3.1 I can create and run database queries using multiple criteria to display or amend selected data](#) [15]

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[1.2 I can describe the field characteristics for the data required](#) [16]	[2.2 I can select and use appropriate tools and techniques to format data entry forms](#) [17]	[3.2 I can plan and produce database reports from a single table non-relational database](#) [18]
[1.3 I can create and modify database tables using a range of field types](#) [19]	[2.3 I can check data entry meets needs, using IT tools and making corrections as necessary](#) [20]	[3.3 I can select and use appropriate tools and techniques to format database reports](#) [21]
[1.4 I can describe ways to maintain data integrity](#) [22]	[2.4 I can respond appropriately to data entry errors](#) [23]	[3.4 I can check reports meet needs, using IT tools and making corrections as necessary](#) [24]
[1.5 I can respond appropriately to problems with database tables](#) [25]		
[1.6 I can use database tools and techniques to ensure data integrity is maintained](#) [26]		

Level 3, Unit 6 - Database Software (6 credits)

1. 1. Plan, create and modify relational database tables to meet requirements

2. 2. Enter, edit and organise structured information in a database

3. 3. Use database software tools to create, edit and run data queries and produce reports

[1.1 I can explain how a relational database design enables data to be organised and queried](#) [28]	[2.1 I can design and create forms to access, enter, edit and organise data in a database](#) [29]	[3.1 I can explain how to select, generate and output information from queries according to requirements](#) [30]
[1.2 I can plan and create multiple tables for data entry with appropriate fields and properties](#) [31]	[2.2 I can select and use appropriate tools and techniques to format data entry forms](#) [32]	[3.2 I can create and run database queries to display, amend or calculate selected data](#) [33]
[1.3 I can set up and modify relationships between database tables](#) [34]	[2.3 I can check data entry meets needs, using IT tools and making corrections as necessary](#) [35]	[3.3 I can plan and produce database reports from a multiple-table relational database](#) [36]
[1.4 I can explain why and how to maintain data](#)	[2.4 I can respond appropriately to data entry](#)	[3.4 I can select and use appropriate tools and](#)

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integrity [37]   errors [38]   techniques to format database reports [39]

1.5 I can respond appropriately to problems with database tables [40]

3.5 I can check reports meet needs, using IT tools and making corrections as necessary [41]

1.6 I can use database tools and techniques to ensure data integrity is maintained [42]

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Bronze 3 Unit 1 [52]	Silver 3: SS [53]	Gold 3: SS [54]	Platinum 3: SS [55]
Bronze 3 Unit 2 [56]	Silver 4: DPS [57]	Gold 4: DPS [58]	Platinum 4: DPS [59]
	Silver 5: PS [60]	Gold 5: PS [61]	Platinum 5: PS [62]
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