

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]

[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

[1.1 I can explain how a relational database design enables data to be organised and queried](#) [28]

[1.2 I can plan and create multiple tables for data entry with appropriate fields and properties](#) [31]

[1.3 I can set up and modify relationships between database tables](#) [34]

[1.4 I can explain why and how to maintain data](#)

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

[2.1 I can design and create forms to access, enter, edit and organise data in a database](#) [29]

[2.2 I can select and use appropriate tools and techniques to format data entry forms](#) [32]

[2.3 I can check data entry meets needs, using IT tools and making corrections as necessary](#) [35]

[2.4 I can respond appropriately to data entry](#)

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

[3.1 I can explain how to select, generate and output information from queries according to requirements](#) [30]

[3.2 I can create and run database queries to display, amend or calculate selected data](#) [33]

[3.3 I can plan and produce database reports from a multiple-table relational database](#) [36]

[3.4 I can select and use appropriate tools and](#)

Database

-->

[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]

Links to other Open Office Units

Entry Level

Level 1

Level 2

Level 3

[Bronze 1](#) [44]

[Silver 1: IPU](#) [45]

[Gold 1: IPU](#) [46]

[Platinum 1: IPU](#) [47]

[Bronze 2](#) [48]

[Silver 2: WP](#) [49]

[Gold 2: WP](#) [50]

[Platinum 2: WP](#) [51]

[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]

[Silver 6: DB](#) [63]

[Gold 6: DB](#) [64]

[Platinum 6: DB](#) [65]

Source URL: <https://theingots.org/community/oooDB>

Links

[1] https://theingots.org/community/qcf_levels

[2] <https://theingots.org/community/oool1u6x#1.1>

[3] <https://theingots.org/community/oool1u6x#2.1>

[4] <https://theingots.org/community/oool1u6x#1.2>

[5] <https://theingots.org/community/oool1u6x#2.2>

[6] <https://theingots.org/community/oool1u6x#1.3>

- [7] <https://theingots.org/community/oool1u6x#2.3>
- [8] <https://theingots.org/community/oool1u6x#1.4>
- [9] <https://theingots.org/community/oool1u6x#2.4>
- [10] <https://theingots.org/community/oool1u6x#1.5>
- [11] <https://theingots.org/community/oool1u6x#1.6>
- [12] <https://theingots.org/community/oool1u6i>
- [13] <https://theingots.org/community/oool2U6x#1.1>
- [14] <https://theingots.org/community/oool2U6x#2.1>
- [15] <https://theingots.org/community/oool2U6x#3.1>
- [16] <https://theingots.org/community/oool2U6x#1.2>
- [17] <https://theingots.org/community/oool2U6x#2.2>
- [18] <https://theingots.org/community/oool2U6x#3.2>
- [19] <https://theingots.org/community/oool2U6x#1.3>
- [20] <https://theingots.org/community/oool2U6x#2.3>
- [21] <https://theingots.org/community/oool2U6x#3.3>
- [22] <https://theingots.org/community/oool2U6x#1.4>
- [23] <https://theingots.org/community/oool2U6x#2.4>
- [24] <https://theingots.org/community/oool2U6x#3.4>
- [25] <https://theingots.org/community/oool2U6x#1.5>
- [26] <https://theingots.org/community/oool2U6x#1.6>
- [27] <https://theingots.org/community/oool2U6i>
- [28] <https://theingots.org/community/oool3u6x#1.1>
- [29] <https://theingots.org/community/oool3u6x#2.1>
- [30] <https://theingots.org/community/oool3u6x#3.1>
- [31] <https://theingots.org/community/oool3u6x#1.2>
- [32] <https://theingots.org/community/oool3u6x#2.2>
- [33] <https://theingots.org/community/oool3u6x#3.2>
- [34] <https://theingots.org/community/oool3u6x#1.3>
- [35] <https://theingots.org/community/oool3u6x#2.3>
- [36] <https://theingots.org/community/oool3u6x#3.3>
- [37] <https://theingots.org/community/oool3u6x#1.4>
- [38] <https://theingots.org/community/oool3u6x#2.4>
- [39] <https://theingots.org/community/oool3u6x#3.4>
- [40] <https://theingots.org/community/oool3u6x#1.5>
- [41] <https://theingots.org/community/oool3u6x#3.5>
- [42] <https://theingots.org/community/oool3u6x#1.6>
- [43] <https://theingots.org/community/oool3u6i>
- [44] <https://theingots.org/community/ooosu#1>
- [45] <https://theingots.org/community/ooosu#5>
- [46] <https://theingots.org/community/ooosu#6>
- [47] <https://theingots.org/community/ooosu#7>
- [48] <https://theingots.org/community/ooosu#2>
- [49] <https://theingots.org/community/ooowp#1>
- [50] <https://theingots.org/community/ooowp#2>
- [51] <https://theingots.org/community/ooowp#3>
- [52] <https://theingots.org/community/ooosu#3>
- [53] <https://theingots.org/community/oooss#1>
- [54] <https://theingots.org/community/oooss#2>
- [55] <https://theingots.org/community/oooss#3>
- [56] <https://theingots.org/community/ooosu#4>
- [57] <https://theingots.org/community/oodps#1>
- [58] <https://theingots.org/community/oodps#2>
- [59] <https://theingots.org/community/oodps#3>
- [60] <https://theingots.org/community/ooops#1>
- [61] <https://theingots.org/community/ooops#2>
- [62] <https://theingots.org/community/ooops#3>
- [63] <https://theingots.org/community/oodb#1>
- [64] <https://theingots.org/community/oodb#2>
- [65] <https://theingots.org/community/oodb#3>

