

Reading List

The following texts and web sites provide relevant reading for this course. All of the books listed below are available from the LLRC.

Bessant A (2000) *The European Computer Driving Licence*.
Heinemann

Byrne J (1997) *Easy Microsoft Access 97*. Que

Coles S and Rowley J (1997) *Access 2, 2nd Ed*. Letts

Coles S and Rowley J (2000) *Access 97 Basic Skills*. Letts

Coles S and Rowley J (2000) *Access 97 Further Skills*. Letts

Date CJ (1986) *An Introduction to Database Systems Vol 1, 4th Ed*. Addison-Wesley

Habraiken J (1997) *The Complete Idiot's Guide To Microsoft Access 97*. Que

Heathcote PM (2000) *A Level Computing 4th Ed*. Payne-Gallway
Pub. Ltd.

Holding H (2000) *Mastering Database Design*. Macmillan

Howe DR (1989) *Data Analysis for Database Design 2nd Ed*.
Edward Arnold

McFadden FR and Hoffer JA (1991) *Modern Database Management 4th Ed*. The Benjamin/Cummings
Publishing Co. Inc.

Kaufeld J (1996) *Access 97 for Dummies*. IDG Books

Ritchie C (1989) *Relational Database Principles*. Continuum

(1997) *A Quick Course in Microsoft Access 97*. Microsoft Press



The World Wide Web

The following sites can be access via The Northern College's "Web Links" database at

[Http://www.northern.ac.uk/weblinks/weblinks.asp](http://www.northern.ac.uk/weblinks/weblinks.asp)

<http://www.sqlteam.com/item.asp?ItemID=122>

Database Design and Modelling Fundamentals

An excellent overview of the fundamentals of relational database design. The article has links to many other relevant topics such as Data Modelling, Entity Modelling and Normalisation.

<http://support.microsoft.com/default.aspx?scid=%2fservicedesks%2fwebcasts%2fwc060600%2fwc060600.asp%3ffr%3d1>

Database Normalization Basics (25 minute WebCast)

This Microsoft WebCast is an excellent visual and audio presentation about database normalisation and what constitutes a relational database. The WebCast emphasises the differnces between a flat file databse and a relational database.

http://www.geekgirls.com/menu_databases.htm

geekgirl.talks plain-english computing

Written by Rose Vines (1998) this site provides an excellent tutorial guide to basic database design. Tutorial data can be downloaded in Access 2000, FileMaker and Approach formats.

Topics covered include Table Creation, Forms, Data Validation, Lookup Tables, Quries and Simple Relational Design. A nice touch is that the user can select the background colour for the site.

http://www.jisc.ac.uk/legal/data_protection_effects.html

JISC Legal Information Services

This site gives a wealth of useful information on the effect of relevant legislation on the HE and FE communities. Topics include, amongst others, Data Protection and Freedom of Information.



<http://www.cs.trinity.edu/~thicks/AccessDatabase/CreateAccessDatabase/CreateDatabase.html>

Microsoft Access: Data Types, Table Processing & Design Layouts

Hosted by the Computer Science Department at Trinity University (San Antonio), this gives a good practical tutorial in the basic use of Access. There is also a useful glossary of database terminology.

<http://www.utexas.edu/cc/database/datamodeling/rm/>

Overview of the Relational Model

Hosted by the University of Texas, this is a succinct and very useful overview of the relational database model. The site covers relational data structures and normalisation.

<http://www.dataprotection.gov.uk/principi.htm>

Principles of Data Protection

This UK government site highlights the 8 principles enshrined in the UK Data Protection Act 1998.

