

University of Glasgow
Dip / MSc Information Technology
Information Systems and Databases

Map of Lectures to Textbook Chapters

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November 26th 2009

L1 Introduction	
L2-3 Spreadsheets	
L4 Multimedia	C&C Web Chapter 5 and 6 C&C Multimedia – whole book
L5 Internet	C&C Web Chapter 1, 2 and 11
L6 XML	C&B Chapter 30; C&C Web Chapter 3 E&N Chapter 26
L7-8 XHTML	C&C Web Chapter 3
L9 Style and Accessibility	C&C Web Chapter 4, 5, 9 and 10
L10 Advanced Web	C&C Web Chapter 8, C&B Chapter 29
L11 Introduction to Databases	C&B, E&N Chapters 1 and 2
L12 ER Modelling	C&B Chapter 11, E&N Chapter 3
L13 Relations, ER Mapping and Constraints	C&B Chapter 3, E&N Chapter 4 and 7
L14 Relational Algebra	C&B Chapter 4, E&N Chapter 6
L15 Simple SQL Queries	C&B Chapter 5, E&N Chapter 8
L16 Complex SQL Queries	C&B Chapter 5, E&N Chapter 8
L17 SQL Data Definition and Manipulation	C&B Chapters 5 and 6, E&N Chapter 8
L18 Normalisation	C&B Chapter 13, E&N Chapter 10
L19 Revision of Relations	C&B Chapters 15 and 16
L20 Database Connections	C&B Chapter 29, E&N Chapter 9
L21 Storage Structures	C&B Appendix C, E&N Chapters 13 / 14
L22 Database Facilities	C&B Chapters 19-24, E&N Chaps 17-19, 23 and 25
L23 Conclusion	C&B Chap 25, E&N Chaps 20-22,23,24

C&C Web – Chapman and Chapman, Web Design

C&C Multimedia – Chapman and Chapman, Digital Multimedia, Second Edition

C&B – Connolly and Begg, Database Systems, Fourth Edition

E&N – Elmasri and Navathe, Fundamentals of Database Systems, Fourth Edition