



Reading list

138 Information and communication technologies: principles and perspectives

This reading list was last updated in June 2010.

The editions quoted here, and in the *subject guide* and *course information sheet*, are a guide. You should always attempt to obtain the most recent edition of any textbook, and where references are made to page numbers of previous editions, use the index of the new edition to find the relevant section. If you find that any of the books listed are out of print please let us know by emailing externalstudy@lse.ac.uk.

Essential reading

Preece, J., Y. Rogers, H. Sharp, D. Benyon, S. Holland and T. Carey *Human-Computer Interaction*. (Wokingham, England: Addison-Wesley Publishing Company, 1994) [ISBN 9780201627695].

Please note: This text book is now out of print. If you cannot obtain a copy of it you should use instead: Sharp, H., Y. Rogers and J. Preece *Interaction Design: Beyond Human-Computer Interaction*. (New York: John Wiley and Sons, 2007) second edition [ISBN 9780470018668]. A reading supplement to accompany this book is available on the VLE

Connolly, M.T. and E.C. Begg. *Database Systems: A Practical Approach to Design, Implementation and Management*. (Harlow: Addison-Wesley, 2009) fifth edition [ISBN 9780321523068].

Comer, D.E. *Computer Networks and Internets*. (New Jersey: Prentice Hall International, 2009) fifth edition [ISBN 9780136061274]. **See note below.**

Further reading

Baecker, R.M. (ed.) *Readings in Groupware and Computer-Supported Cooperative Work: Assisting Human-Human Collaboration*. (San Mateo: Morgan Kaufmann Publishers, 1993) [ISBN 9781558602410].

Coulouris, G., J. Dollimore, and T. Kindberg *Distributed Systems Concepts and Design*. (Wokingham: Addison-Wesley, 2005) second edition [ISBN 9780321263544].

Date, C.J. *An Introduction to Database Systems*. (London: Pearson Addison-Wesley, 2003) eighth edition [ISBN 9780321197849].

Dix, A., J. Finlay, G. Abowd and R. Beale *Human-Computer Interaction*. (Hemel Hempstead: Prentice Hall International (UK) Ltd, 2004) third edition [ISBN 9780130461094].

Elmasri, R. and S.B. Navathe *Fundamentals of Database Systems*. (Reading, Mass: Addison-Wesley, 2006) fifth edition [ISBN 9780321369574].

Eysenck, M.W. and M. T. Keane *Cognitive Psychology: a Student's Handbook*. (Hillsdale, N.J.: L. Erlbaum Associates, 1990) fourth edition [ISBN 9780863775512] Chapters 3, 4, 5 and 7.

Greenhalgh, C. *Large Scale Collaborative Virtual Environments*. (Berlin; New York: Springer, 1999) [ISBN 9781852331481].

Kurose, J.F. and K.W. Ross *Computer Networking: A Top-Down Approach Featuring the Internet*. (Wokingham: Addison-Wesley, 2009) fifth edition [ISBN 9780136079675].

Newman, W.M. and M.G. Lamming *Interactive System Design*. (Wokingham: Addison-Wesley Publishing Company, 1995) [ISBN 9780201631623].

- Norman, D. *The Psychology of Everyday Things*. (Cambridge, MA: MIT Press, 1988) [ISBN 0465067093]. It has subsequently been reprinted as *The Design of Everyday Things* (1990, ISBN 9780262640374).
- Oravec, J.A. *Virtual Individuals, Virtual Groups: Human Dimensions of Groupware and Computer Networking*. (Cambridge: CUP, 1996) [ISBN 9780521454933].
- Orfali, R., D. Harkey, and J. Edwards *The Essential Client-server Survival Guide*. (New York: John Wiley & Sons, 1999) third edition [ISBN 9780471316152].
- Ramakrishnan, R and J. Gehrke *Database Management Systems*. (London: McGraw Hill, 2002) third edition [ISBN 9780072465631].
- Silberschatz, A., H. Korth and S. Sudarshan *Database System Concepts*. (Singapore: McGraw Hill, 2005) fifth edition [ISBN 9780072958867].
- Stallings, W. *Data and Computer Communications*. (New Jersey: Prentice Hall International, 2006) eighth edition [ISBN 9780132433105 or 9780071244763 (pbk)].
- Stallings, W. *Network security essentials*. (New Jersey: Prentice Hall International, 2006) third edition [ISBN 9780132380331].

Notice June 2008

The fifth edition of Comer is now available. References to reading in the subject guide need to be updated as follows for this edition.

Subject guide Chapter 19 Network technologies: local area networks.

Update to → Comer fifth edition chapters 13, 15,16 and 17

Subject guide Chapter 20 Network technologies: wide area networks

Update to → Comer fifth edition chapters 18

Subject guide Chapter 21 Communication: protocols and architecture

Update to → Comer fifth edition chapters 20–22, 25–27

Subject guide Chapter 22 Networked applications

Update to → Comer fifth edition chapters 20–27

Subject guide Chapter 23 Security and Cryptography

Update to → Further reading Comer fifth edition chapter 30

Making use of the Online library

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Essential reading journal articles listed on a number of reading lists are available to download from the Online library. The Online library can be accessed via the Student portal:

<http://my.londonexternal.ac.uk>

Note: If you do not have login details for the Student Portal, you should contact support@my.londonexternal.ac.uk ensuring that you specify your student reference number.

The easiest way to locate relevant content and journal articles in the Online library is to use the **Summon** search engine.

If you are having trouble finding an article listed on the reading list, try:

1. removing any other punctuation from the title, such as single quotation marks, question marks and colons, and/or
2. putting quotation marks around the title, for example "Why the banking system should be regulated"

To access the majority of resources via the Online library you will either need to use your University of London Student Portal login details, or you will be required to register and use an Athens login: <http://tinyurl.com/ollathens>