

Recommended Reading List

The reading list below is a guide only and should not be considered exhaustive. For more detailed and up to date information please check the Module Directory.

These texts are available from the Albert Sloman Library and can also be viewed online.

CE101-4-FY

PROFESSIONAL DEVELOPMENT

- LEVIN, P., *Successful Teamwork! For undergraduates and taught postgraduates working on group projects*, McGraw Hill 2005
- DAWSON, C.W., *The Essence of Computing Projects: A Student's Guide*, Prentice-Hall, 2000
- DAVIES, J.W., *Communication Skills*, Prentice Hall, 2001
- WYSOCKI, R.K., *Effective Project Management: traditional, adaptive, extreme*, Wiley, 2007 (online book)

CE141-4-FY

MATHEMATICS FOR COMPUTING

- Seymour Lipschutz, "Schaum's outline of theory and problems of essential computer mathematics", McGraw-Hill, c1982, QA 76.5

CE142-4-FY

MATHEMATICS FOR ELECTRONICS AND TELECOMMUNICATIONS

- Attenborough, Mary. *Engineering mathematics exposed*. McGraw-Hill, 1994.
- KNIGHT, A., *Basics of MATLAB and Beyond* (Chapman and Hall/CRC, 2000).

CE151-4-AU

INTRODUCTION TO PROGRAMMING

- *Python 3 for Absolute Beginners*, Tim Hall and J-P Stacey, Apress, 2009

CE152-4-SP OBJECT-ORIENTED PROGRAMMING

- **HORSTMANN, C., Big Java, 4th Edition**
- **LIANG, Y.D., Introduction to Java Programming, Brief Version 10th Edition**
- **DEITEL, P & DEITEL, H., Java: How To Program Late Objects Version, 10th Edition**
- **NIEMEYER, P. & LEUCK, D., Learning Java, Online**
- **SEDGEWICK, R. & WAYNE, K. Introduction to Programming in Java – An Interdisciplinary Approach**

CE153-4-AU INTRODUCTION TO DATABASES

- **CONNOLLY, T. and BEGG, C., Database Systems: A Practical Approach to Design, Implementation and Management, 4th Edition, Addison-Wesley OR**
- **ELMASRI, R. and NAVATHE, S., Fundamentals of Database Systems, 4th Edition Addison-Wesley OR**
- **SILBERSCHATZ, A. KORTH, H.F., SUDARSHAN, S., Database System Concepts, 4th Edition McGraw Hill**

CE154-4-SP WEB DEVELOPMENT

- **DUCKETT, J., Beginning, HTML, XHTML, CSS and JavaScript, Wiley Publishing Inc. 2010, ISBN 978-0-470-54070-1**
- **ROBINSON, E., & FREEMAN, E., Head First HTML with CSS & XHTML, O'Reilly, 2005, ISBN 0-596-10197-X**
- **KRUG, S., Don't Make Me Think: A Common Sense Approach to Web Usability, New Riders, 2000, ISBN 07897-2310-7**
- **CHAPMAN, N., & CHAPMAN, J., Web Design: A Complete Introduction, John Wiley & Son, ISBN 0-470-06089-1, 2006**

CE155-4-SP NETWORK FUNDAMENTALS

- **DYE, M., MCDONALD, R., (2007) Network Fundamentals, CCNA Exploration Companion Guide Cisco Press 2nd Edition, QA 76.3.D9**
- **TANENBAUM, A.S., (2003) Computer Networks, Prentice Hall 4th Edition, TK 5105.5.T2**

CE161-4-AU FUNDAMENTALS OF DIGITAL SYSTEMS

- **STALLINGS, W., 'Computer Organization and Architecture - Designing for Performance', 9th Edition, International Edition, Pearson Educ., 2013**

Supplementary:

- **CLEMENTS, A., 'The Principles of Computer Hardware', Oxford University Press, 2006, 4th Edition.**

CE162-4-SP DIGITAL ELECTRONIC SYSTEMS

- **FLOYD, T.L., Digital Fundamentals (Prentice Hall, 2005, 9th Edition)**
- **CLEMENTS, A., The Principles of Computer Hardware (Oxford University Press, 2006, 4th Edition)**

CE163-4-AU FOUNDATIONS OF ELECTRONICS I

- **MEADE, R.L. and DIFFENDERFER, R., Foundation of Electronics, Circuits and Devices (Thomson Delmar Learning, 2007, 5th Edition). www.delmar.com**
- **FLOYD, T. L., Electronic Circuits Fundamentals (Pearson, 2006, 7th Edition).**

CE164-4-SP FOUNDATIONS OF ELECTRONICS II

- **FLOYD, T. L. & BUCHLA, D., 'Electronics Fundamentals: Circuits, Devices and Applications', 8th Edition, Pearson, 2010**