

COMP1811 Computer Systems for the Professional

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30 items

Set Text (1 items)

All students are expected to purchase this text

Upgrading and repairing PCs, by Scott Mueller, 2015

[Book](#) | **Recommended for student purchase** | This is the latest edition of this book

Essential reading (10 items)

All students are expected to read selected chapters from these works as directed by the module tutors

Technology - in News

[Webpage](#) | **Essential**

Practical guide to cloud computing, V3.0, by Cloud Standards Customer Council, December 2017

[Document](#) | **Essential**

Microprocessor tutorial, by Matthew Easthaugh

[Document](#) | **Essential**

Operating system concepts essentials, by Abraham Silberschatz; Peter B. Galvin; Greg Gagne, 2011

[Book](#) | **Essential**

The NIST definition of cloud computing, by Peter Mell; Timothy Grance, September 2011

[Document](#) | **Essential**

Security in computing, by Charles P. Pfleeger; Shari L. Pfleeger, 2015

[Book](#) | **Essential** | 5th edition

Computer networks, by Andrew S. Tanenbaum; Nick Feamster; D. Wetherall, 2021

[Book](#) | **Essential** | 5th edition. Print and ebook available

Computer networks, by Andrew S. Tanenbaum; D. Wetherall, 2014

[Book](#) | **Essential** | 5th edition. Print and ebook available

The TCP/IP Guide - Transmission Control Protocol (TCP) and User Datagram Protocol (UDP), by Charles M. Kozierok, Version Date: 20th September 2005

[Webpage](#) | **Essential**

ACPO good practice guide for digital evidence, by Janet Williams, March 2012

[Document](#) | [Essential](#)

Further Reading (15 items)

Professional issues in information technology, by Frank Bott, 2014

[Book](#) | [Further](#)

Computer science: an overview, by J. Glenn Brookshear; Dennis Brylow, 2019

[Book](#) | [Further](#)

The architecture of computer hardware, systems software, & networking, by Irv Englander, 2014

[Book](#) | [Further](#)

Introduction to computing explorations in language, logic, and machines, by David Evans, 2011

[Book](#) | [Further](#)

Networking: a beginner's guide, by Bruce A. Hallberg, 2014

[Book](#) | [Further](#)

Networking: a beginner's guide, by Bruce A. Hallberg, c2010

[Book](#) | [Further](#) | This ebook is the earlier 5th edition (2010)

FOLDOC. Free On-line Dictionary of Computing

[Website](#)

Computer networking: a top-down approach, by James F. Kurose; Keith W. Ross, 2017

[Book](#) | [Further](#) | This ebook has a 1 user licence.

Network security: a beginner's guide, by Eric Maiwald, c2013

[Book](#) | [Further](#)

Understanding operating systems, by Ann McIver McHoes; Ida M. Flynn, 2018

[Book](#)

Computer organization and design: the hardware/software interface, by David A. Patterson; John L. Hennessy, 2020

[Book](#)

What is UML 2?, by Sparx Systems

[Webpage](#)

UML Tutorial - in Tutorialspoint

[Webpage](#)

How computers work: the evolution of technology, by Ron White; Timothy Edward Downs, 2015

[Book](#)

Wireless network security: a beginner's guide, by Tyler Wrightson, 2012

Book | Further

Doing your own further research - starting points (4 items)

Doing your own research to find further information is an essential part of any university course. Make sure you familiarise yourself with 'Library Search' (the Library cross-searching tool) and searching the individual databases that are vital for your studies.

Library Search, by Library Services

Webpage | **Essential** | Use the 'Library Search' cross-searching tool to search for and find books, ebooks and journal articles in your subject area.

Subject Guide, by Library Services

Webpage | **Essential** | Access individual databases, such as ACM Digital Library, from here to do more advanced searching. Some databases are not included in 'Library Search' so go direct to them from here (this includes Lynda.com).

Referencing, by Library Services

Webpage | **Essential** | This is the official Harvard referencing guidance for the University of Worcester designed to help you with your citing and referencing.

If you have questions about searching or referencing, you can ask the Librarian for WBS, Stephanie Allen s.allen@worc.ac.uk or arrange an appointment to see them.

You can also contact the general Library enquiries at askalibrarian@worc.ac.uk or come to the askalibrarian enquiry desk in The Hive on level 3.