READING LIST 2010/11

F29PD2 Professional Development

Nick Taylor

Baase, S.
"A Gift of Fire: Social, legal and ethical issues for computers and the Internet"
Prentice Hall, 2003

*   Very topical coverage of the impact of computers on society. The ethics bits are left to the end.

Bainbridge, D.
"Introduction to Computer Law", 5th edition
Longman, 2004

**   Excellent coverage of the Law as it affects IT in all of its facets.

British Computer Society Intellectual Property Rights Task Force
"Intellectual Property Rights in Software"
BCS, 2000

        A practical guide to copyright, etc. from the British Computer Society.

Dalcher, D. and Brodie, L.
"Successful IT Projects"
Thomson, 2007

*   Project management from an IT perspective.

Duquenoy, P., Jones, S. and Blundell, B.G.
Ethical, Legal and Professional Issues in Computing
Thomson, 2008

**   Up to date coverage of many issues relating to this module.

Garfinkel, S.
"Database Nation"
O'Reilly, 2000

*   A thorough assessment of all the ways computer technology can be used to monitor the individual in modern society.

Garfinkel, S. and Spafford, G.
"Web Security, Privacy & Commerce", 2nd edition
O'Reilly, 2002

*   A comprehensive treatment of security and privacy issues with particular reference to the WWW.

Grimes, R.A.
"Malicious Mobile Code"
O'Reilly, 2001

A comprehensive description of modern day viruses.

McKeown, P.G.
"Information Technology and the Networked Economy", 2nd edition
Thomson, 2003

Primarily a book on Information Systems for the business community but with a lot to offer the IT professional. The final part addresses a number of important issues covered in the lectures.

Mill, J.S.
"On Liberty"
Penguin Books, 1974

*   Reprint of Mill's 1859 essay.

Neumann, P.G.
"Computer Related Risks"
Addison-Wesley, 1995

**   An annotated collection of submissions to the Usenet Risks Forum (comp.risks).

Oram, A.
"Peer-to-Peer: Harnessing the Power of Disruptive Technologies"
O'Reilly, 2001

A collection of articles on P2P systems tracing their origin, describing current systems and speculating on how they might influence the future of the internet.

Quinn, M.J.
"Ethics for the Information Age"

Addison-Wesley, 2005

** This book has the best alignment of all of the books listed here with the material covered in the lectures. Don't be fooled by the title; it covers a lot more than ethics.

Raymond, E.S.
"The Cathedral and the Bazaar"
O'Reilly, 1999

* A highly readable description of these two opposing approaches to programming along with some of Raymond's other Open Source contributions.

Reed, C. and Angel, J.
"Computer Law", 5th edition
Oxford University Press, 2004

** An excellent collection of articles about the law as it applies to computer technology.

Reynolds, G.W.
"Ethics in Information Technology"
Thomson, 2003

* Written for business managers as well as IT professionals, this book covers a lot of the material addressed in the lectures. It also contains appendices on the ACM and IEEE codes of ethics.

Schwalbe, K.
"An Introduction to Project Management"
Course Technology Cengage Learning, 2009

General project management textbook – not specifically IT projects.

Singh, S.
"The Code Book"
Fourth Estate, 2000

A highly readable history of cryptography - also the subject of a TV series.

Weizenbaum, J.
"Computer Power and Human Reason"
Pelican Books, 1984

**   A reprint of one of the most thought-provoking books ever written by a Computer Scientist on the relationship between people and computers. Although first published in 1976, the questions it raises are as relevant today as they were then.

Williams, S.
"Free as in Freedom: Richard Stallman's Crusade for Free Software"
O'Reilly, 2002

*   A highly readable biography of the founder of the Free Software Foundation and GNU.