COMP3001: Technology Management and Professional Issues



1

N. Rozanski and E. Woods, Software systems architecture: working with stakeholders using viewpoints and perspectives, Addison-Wesley, Upper Saddle River, N.J., 2nd ed., 2012.

2

F. Bott, Professional issues in information technology, BCS, Swindon, UK, 2nd ed., 2014.

3

J. Smith, Troubled IT Projects: prevention and turnaround, Institution of Electrical Engineers, 2001.

4

K. Davis, Ethics of Big Data: Balancing Risk and Innovation, O'Reilly Media, 2012.

5

E. Ries, The lean startup: how today's entrepreneurs use continuous innovation to create radically successful businesses, Crown Business, New York, 2011.

6

Andrew Keen, The Internet is Not the Answer, Atlantic Books, 2015.

7

Eric Schmidt, Jonathan Rosenberg, How Google Works, John Murray, 12AD.

8

A. Lester, Project management, planning and control: managing engineering, construction and manufacturing projects to PMI, APM, and BSI standards, Butterworth-Heinemann, Amsterdam, 6th ed., 2014.

9

C. B. Chapman, S. Ward and C. B. Chapman, How to manage project opportunity and risk: why uncertainty management can be a much better approach than risk management, Wiley, Chichester, 3rd ed., 2011.

10

M. Cohn, Succeeding with agile: software development using Scrum, Addison-Wesley, Upper Saddle River, N.J., 2010, vol. The Addison-Wesley signature series.

11

J. V. Sutherland, Scrum: a revolutionary approach to building teams, beating deadlines, and boosting productivity, Random House business Books, London, 2014.

12

Michael T. Nygard, Release it!, Pragmatic Bookshelf, Raleigh, N.C, 2007.

13

R. Schiesser, IT Systems management, Prentice Hall, Upper Saddle River, NJ, 2nd edition., 2010.

14

Robin E. McDermott, The basics of FMEA, Productivity Press, New York, 2nd edition., 2009.

15

D. L. Gano, Apollo Root Cause Analysis: A New Way of Thinking, Apollonian Publications, 3rd edition., 2008.

16

D. Allen, Getting things done: how to achieve stress-free productivity, Piatkus, London, 2001.

17

L. Bass, P. Clements and R. Kazman, Software architecture in practice, Addison-Wesley, Boston, MA, 2nd ed., 2003, vol. SEI series in software engineering.

18

F. P. Brooks, The mythical man-month: essays on software engineering, Addison-Wesley, Boston, Mass, Anniversary ed., 1995.

19

Ken Collier, Agile analytics: a value-driven approach to business intelligence and data warehousing, Addison-Wesley, Upper Saddle River, NJ, 2012.

20

Bernard Marr, Key performance indicators: the 75 measures every manager needs to know, Pearson Financial Times Pub., New York, 2012.

21

Alan Shalloway, Essential skills for the agile developer, Addison-Wesley, Upper Saddle River, NJ, 2011.

22

Martin Fowler, Patterns of enterprise application architecture, Addison-Wesley, Boston, 2003.

23

A. Osterwalder and Y. Pigneur, Business model generation: a handbook for visionaries, game changers, and challengers, Wiley, Hoboken, N.J., 2010.

24

Sidney Dekker, The Field Guide to Understanding 'Human Error', Ashgate, 3rd Revised edition., 2014.

25

Richard D. Lewis, When cultures collide, Nicholas Brealey Pub., Boston, 3rd edition., 2005.

26

I. B. Myers and P. B. Myers, Gifts Differing: Understanding Personality Type, 2nd edition., 1995.

27

Neil J. Gunther, The Practical Performance Analyst, iUniverse, 20AD.

28

P. J. S. Martin Fowler, NoSQL distilled, Addison-Wesley, Upper Saddle River, NJ, 2013.