

Healthcare Informatics (HNB1114):

Subject Information Sheets: HNB1114 Student Survey Form 08.doc | HNB1114 Healthcare Informatics Week 1 Activity.doc | Writing Tips | Short Course in Technical Writing

Computer Systems and Architecture (RCM1115):

Subject Information Sheets: Unit of Study Outline | Tutorial Sheet 1 |

Data Communications and Networks-1 (RCM2111, RCM5805):

Text Book: Data Communications and Networking, 4th Edition, By Behrouz A Forouzan, McGrawHill, 2007. <http://www.mhhe.com/engcs/compsci/forouzan/>

Subject Information Sheets: Memo-1 RCM2111, Memo-1 RCM 5805

Research Perspectives (RCM6827) Ethics and IP: Outline| Lecture Notes | Assignment | Report Front Sheet | Report Writing Checklist | Writing Tips | Short Course in Technical Writing
Information on topics covered by Nalin Sharda.

1. Introduction to Ethics: a) What are ethics?, b) History of ethics, c) Genesis of ethics, d) Ethical dilemmas;

2. Computer Ethics: Why and how of applying ethics to computers;

3. Research Ethics: How do ethical questions arise and are answered in research;

4. Intellectual Property: a) What is Intellectual Property, b) Copyright Guidelines, c) Fair Use Guidelines, d) Fair Use Principles.

Suggested reading:

- Chapters 5, from Experimental Methodology, by Larry B. Christensen, Pearson Allyn & Bacon; 8th edition, 2000. ISBN: 0-205-39369-1

- Langford, Duncan (1995), Practical Computer Ethics, McGraw-Hill, Inc. New York, NY, USA. ISBN: 0-077-09012-8. Reprint ISBN: 0-85590-776-2

- Reynolds, George (2003), Ethics in Information Technology, Thomson Learning, Boston, USA. ISBN: 0-619-06277-0

- Research Center on Computing & Society at Southern Connecticut State University.

- Online Ethics Center for Engineering and Science.

- American Chemical Society Ethical Guidelines

- Responsible Conduct in Research

Chapters 9, from Theoretical Foundations of Multimedia by Robert S. Tannenbaum, W H Freeman & Co.; Book and CD edition, 1998. ISBN: 0716783215.

Introduction to Multimedia (RCM5821, RCM2113):

Subject Information Sheets: Memo-1 About Lectures | Memo-2 About Practicals | Memo-3 About Reports | Report Front Sheet | Memo4-Report Writing| Video Capturing Guide | Multimedia Design Guide | Writing Tips | Short Course in Technical Writing

Lecture Notes: 0. Introduction | 1. Planning | 2. Elements of Multimedia | 3. Multimedia Hardware | 4. Authoring Multimedia | 5. Developing Multimedia | 6. Social & Legal Issues | 7. Communications & Networks | 8. Business Aspects

Prescribed reading: Above lecture notes and selected chapters from the books referred in the

notes.

Practical books:

ILT PowerPoint 2003 Advanced, Thomson Publishing, ISBN 0619204907. RRP \$24.95 OR
Flash MX2004: Graphics, Animation and Interactivity, James L. Mohler, Thomson Publishing,
2004. ISBN: 1401835309. RRP \$79.95

Networked Multimedia (RCM5822, RCM3111):

2006 Subject Information Sheets: Memo-1 About Lectures | Memo-2 About Practical | Report
Front Sheet | Memo-3 About First Report | VitalAgent | Memo4-Report Writing | Writing Tips |
Short Course in Technical Writing

2006 Lecture Notes: 1. Overview | 2. Coding Multimedia | 3. N/W Multimedia Applications | 4.
Temporal Relationships | 5. Networking Devices | 6. WANs | 7. LANs | 8. Internetworking &
ATM | 9. Learning & QoS | Mobile Multimedia Information Transmission

Prescribed reading:

Chapters 1,2,6,7,8,9,10,11 and 12, from Multimedia Information Networking, N. Sharda,
Prentice Hall, 1999. ISBN: 0132587734.

QUIZ: Chapter 1 | Chapter 2 | Chapter 6 | Chapter 7 | Chapter 8 | Chapter 9 | Chapter 10 |
Chapter 11 | Chapter 12

2005 Lecture Notes: 1. Overview | 2. Coding Multimedia | 3. N/W Multimedia Applications | 4.
Temporal Relationships | 5. Networking Devices | 6. WANs | 7. LANs | 8. Internetworking &
ATM | 9. Future Directions

Additional Seminars:

- Learning from Projects. Handouts

- Technical Writing with The SIMPLE Methodology. Handouts.

Links to Thesis Writing Guidelines Systematic Paper Creation (SParC) Key Factors in
Postgraduate Research - A Guide for Students A short course on writing technical reports by
Nancy Halligan Writing Tips Technical Writing with The SIMPLE Methodology