

Computer Networks and Operating Systems



Welcome to UFSEHX-20-2



Who, What, Where, Why

Module Leader : Nigel Gunton 3Q77

Lectures :

- Operating Systems
 - Nigel Gunton 3Q77
- Networks
 - Ian Johnson 3Q77

Lab Tutors 2006 - 2007:

- John Counsell : Groups P/02, P/04
- Graham Darke : Group P/05, P/06
- Laurence O'Brien : Group P/01, P/03

All labs are held in 3P27

If you copy ... ALWAYS acknowledge the source

■ The Web

- <http://www.cems.uwe.ac.uk/~ngunton>
- <http://www.cems.uwe.ac.uk/~irjohnso>
- search engines, learn to use them effectively
- Acknowledge your sources.

The Library

■ Books!

- about operating systems
- on using Unix like operating systems
- on C programming
- See

http://www.cems.uwe.ac.uk/~ngunton/cnos_new.html

- for details

Course Texts:

Reccomended:

- Introduction to Operating Systems, John English, Palgrave

Optional alternative:

- { Operating Systems with Linux, O’Gorman, Palgrave }

Optional:

- Computer Networks & Internets 4th Ed., Comer, Prentice Hall

Lectures & Labs:

- Make use of them, ask questions.

- Your lab tutor is a resource.

Worksheets :

- Do them, they might hold the answers

Man Pages :

- Learn to read them

- man -k keyword

to find pages relating to keyword

- man man

will tell you how to use man

- man 3 opendir

to specify a particular volume and page.

CNOS Semester 1 Wks. 9 - 12

Lab Sessions

■ Introduction to *nix

- your environment
- using emacs
- worksheets

- ▶ Lab1 intro
- ▶ Installing Linux
- ▶ Logbook
- ▶ files on the command line

CNOS Semester 1 Wks. 9 - 12

Lectures

- Introductory stuff
- User perspective of a *nix O/S
- Manual Installation of an O/S
- Filesystems, processes, memory management
- Concurrency, I/O, Signals, System calls

CNOS Assignment 1

In small groups set up and install Linux.

- maintain a logbook of the install
- administer the system,
- value added extras

CNOS Assignment 1

- Lab time will be used to work on the assignment.
- Each stage will be demonstrated and signed off by the lab tutor during the semester.

... No signoffs in the last week before handin ...

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