

OPERATING SYSTEMS and FILE ORGANIZATION (Engi 7863)

Memorial University of Newfoundland.

Course Information sheet. Summer 2004

- Instructor: Theodore Norvell, EN-3064, 737-8962, theo@engr.mun.ca.
- Website: www.engr.mun.ca/~theo/Courses/os/
- Office hours: Any time I am in my office and not extremely busy is an office hour. As dedicated office hours, I will endeavour to be in and not extremely busy Wednesday 3:00–4:00.
- TA: 0.75 × Rose Wilson, rwilson@engr.mun.ca
- Texts:
 - William Stallings, *Operating Systems: Internals and Design Principles*, 4th ed., Prentice Hall, 2004, or
 - Holt and Penny, *Mini Tunis Book*, HSA, 1992.
- Software: The Object-Oriented Turing Programming System is available. Contact the instructor for details.
- Reference Books: (* At the QE II Library. † May be borrowed from me.)
 - OS:
 - * Silberschatz, Galvin, and Gange *Operating System Concepts*, 6th ed., John Wiley, 2004.†
 - * Nutt, *Operating Systems*.†
 - * Deitel, *An introduction to Operating Systems*.*
 - * Tanenbaum, *Operating Systems : Design and Implementation*.*
 - * Bach, *The Design of the UNIX Operating System*.*
 - * Rochkind, *Advanced Unix Programming*.†
 - * Holt, *Concurrent Euclid, the Unix System, and Tunis*.†
 - * Hoare. ‘Monitors: An operating system structuring concept’, *Communications of the ACM*, 17(10):549-557, Oct 1974. Reprinted in Hoare and Jones, *Essays in Computing Science*.*
 - Turing:

- * Barnard, Holt, and Hume, *Data Structures: An Object-Oriented Approach*, Holt Software Associates, 1995. †
- * Holt, West, Turing Reference Manual, HSA 1994.†*
- * Holt and Cordy, *The Turing Language Report*.†
- * Holt, et.al., *The Turing Programming Language: Design and Definition*, Prentice Hall, 1988.†

– File Organization:

- * Panos Livadas, *File structures : theory and practice*.
- * Michael J. Folk and Bill Zoellick, *File structures: a conceptual toolkit*.

• Evaluation:

Midterm	15%	Assignments	25%
Final Exam	60%	Test Total	75%
Test Total	75%	Total	100%

However, in order for assignments to be included in the calculation, you must pass the tests of the course. Students whose test mark is less than 37.5 out of 75 will receive $\frac{4}{3}$ the test mark.

- Assignments *will* be due during the last two weeks of term. An approximate schedule of important dates follows.

Assignment 0	May 19
Assignment 1	June 2
Assignment 2	June 16
Midterm	June 30
Assignment 3	July 14
Assignment 4	July 28

- Late assignments and missed tests will only be accepted in case of illness, bereavement, childbirth, *or by prior arrangement with the instructor*. In case of illness you should obtain a doctor's certificate prior to the test time or due time.
- If you feel any mark was unfair or incorrectly recorded, ensure that I am aware of the problem before the exam. *No reconsideration of marks, other than the exam mark, will be made after the exam.*
- Cases of academic offences will be dealt with in accordance with the University Regulations. Academic offences includes: copying, allowing work to be copied, failing to cite sources, and presenting work done in collaboration as one's own. Please read Section 11.4 of the University Regulations or consult Dr. Norvell, if you need clarification as to what constitutes an academic offence. Please be aware that there is almost nothing easier to spot than a duplicate programming assignment.