

CSCI 3120

Summer 2003

Course Outline

Time/Place:	Mon/Wed/Fri: 1:30-2:30 CS127
Instructor:	Kirstie Hawkey
E-mail:	hawkey@cs.dal.ca
Course website:	http://borg.cs.dal.ca/~hawkey/3120/
Office Hours:	Monday: 2:30-3:30 pm, room 311 Friday: 10:00-11:30 am, room 311 Or by appointment

Text

Required:

Operating Systems: Operating System Concepts (Sixth Edition)
Silberschatz, Galvin & Gagne, Wiley, 2002.
Available in the Dalhousie Bookstore. We will be following this text closely.

Recommended resources (for programming portions of assignments):

The C Programming Language
Kernighan and Ritchie
Prentice Hall.

Advanced Programming in the UNIX Environment
Stevens
Addison Wesley

Marking Scheme

Assignments	20%
Paper	10%
Midterm 1	15%
Midterm 2	15%
Final examination	40%

The final examination will be cumulative. There is no supplemental examination for this course

Assignments

Assignments are worth 20% of the final grade. There will be 6 assignments (approx. every 2 weeks) and the lowest mark will be discarded. Assignments are due at the beginning of class on the date they are due, either electronically or in paper form as the questions dictate. Solutions will be posted the next day so that any problems you may have encountered are clarified before beginning the next assignment. Every attempt will be made to return the marked assignments within one week; however, the schedule of the marker may preclude this from time to time.

LATE ASSIGNMENTS WILL NOT BE ACCEPTED.

Paper - A Comparison of Operating Systems

A final group paper is worth 10% of the final grade and is due on the last day of class. Groups will consist of 2-4 students. Each student will be responsible for the analysis of an operating system and then the group as a whole will be responsible for the comparison of the operating systems. Each group must analyze a Windows product, a Unix/Linux product, and up to 2 others (depending on group size). The paper is worth 10% (7.5% based on each individual's contribution, 2.5% for the group analysis).

As the various operating system concepts are discussed in class, a section of the paper related to that topic will be included as an additional assignment question. Details of exactly what is expected for each section will be given in the assignment and also compiled on the class website. Sections passed-in as a part of the assignment will be receive feedback.

Intellectual Honesty

While it is expected that students will discuss assignments and help each other with the concepts, students are expected to complete the assignment questions on their own and to hand in the efforts of their own work. Questions will be marked based upon the demonstrated understanding of the subject material, therefore it is unacceptable to cut and paste other people's answers, even if attributed to their original source. Likewise, for programming portions of assignments, no code fragments from other sources (even if attributed to their original source) will be acceptable unless originally provided as part of the assignment or specifically stated.

Please see the section of the university calendar on intellectual honesty, section 1 -- Plagiarism or Self-Plagiarism (pages 23-24 of the 2002/2003 Undergraduate Calendar.)