



A: Division: **Instruction** Date: **October 1999**
 B: Department/ **Commerce & Business Admin.** New Course Revision
 Program Area: **Computer Information Systems**
 If Revision, Section(s) **F, H, J, P, R**
 Revised:
 Date Last Revised: **September 1995**

C: **CISY 310** D: **Operating Systems** E: **3**

Subject & Course No.

Descriptive Title

Semester Credits

<p>F: Calendar Description: This course will introduce several operating systems, (DOS, UNIX, LINUX, Windows). Emphasis will be placed on issuing systems commands accessing directories and manipulating files. Other topics include memory management and problem solving. This course is suitable for students who wish to learn more about the operating system process under different system environments, such as mainframes, minicomputers or microcomputers.</p>		
<p>G: Allocation of Contact Hours to Types of Instruction/Learning Settings</p> <p>Primary Methods of Instructional Delivery and/or Learning Settings:</p> <p>Lectures and Seminars</p> <p>Number of Contact Hours: (per week / semester for each descriptor)</p> <p>Lecture: 3 Hrs. Seminar: 1 Hr. Total: 4 Hrs.</p> <p>Number of Weeks per Semester:</p> <p>15 Weeks X 4 Hrs per week = 60 Hrs.</p>	<p>H: Course Prerequisites: CISY 210 and (CISY 270 or CISY 410) and CMNS 115</p>	
	<p>I. Course Corequisites: Nil</p>	
	<p>J. Course for which this Course is a Prerequisite: CISY 610</p>	
	<p>K. Maximum Class Size: 35</p>	
<p>L: PLEASE INDICATE:</p> <p><input type="checkbox"/> Non-Credit <input type="checkbox"/> College Credit Non-Transfer <input checked="" type="checkbox"/> College Credit Transfer: Requested <input checked="" type="checkbox"/> Granted <input type="checkbox"/></p> <p>SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS (www.bccat.bc.ca)</p>		

M: Course Objectives/Learning Outcomes:

At the end of the course, the student will be able to:

1. identify the different operating system environments for the micro computers, mini computers and mainframe computers;
2. identify the different operating system structures and their capabilities (DOS, LINUX, UNIX, WINDOWS 95, WINDOWS NT).
3. perform operating system commands to execute different computer tasks;
4. manipulate files and directories within the operating system;
5. identify operating system problems and provide possible solutions.

N: Course Content

1. Disk Operating System (DOS)
2. Linux
3. Unix Operating System
4. Windows operating system (MS-WINDOWS 95/98, MS WINDOWS NT)
5. Issuing system commands
6. Accessing files and directories
7. Problem solving for operating systems.
8. Memory Management
9. Similarities and differences among various operating systems.

O: Methods of Instruction

The concepts of operating system environments will be discussed in class and the student will complete "hands-on" assignments/exercises in the computer lab.

P: Textbooks and Materials to be Purchased by Students:

Davis, W.S. Operating Systems : A Systematic View, Latest Ed. Addison Wesley Publishing.

Q: Means of Assessment

Assignments	30%-40%
Mid-Term Examination	25%-30%
Final Examination	25%-30%
Quizzes	00%-10%
Oral Presentation	<u>00%-10%</u> <u>100%</u>

R: Prior Learning Assessment and Recognition: specify whether course is open for PLAR

NO.

Raymond Yu

Course Designer(s)

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