

Syllabus – Subject To Change with Notice

Semester:	Fall 08
Location:	Online
Sections:	NET 140 - 81
Instructor:	David Wolfe
Phone:	802-865-6416
Office Location:	Foster 215
Email:	david.wolfe@champlain.edu
Office Hours:	TBD By Appointment

Course Description:

This course provides a comparative study of popular PC-class operating systems and operating environments, including DOS, Windows 9x (95 and 98), Windows NT, Windows 200X, Vista, and Unix/Linux. Students will also understand the strengths and limitations of these operating systems and be able to identify the environments in which they are used. Subject matter is reinforced by hands-on exercises, threaded discussions and assignments. Upon completion of this course, students will be familiar with the interface, file management, system requirements and common administration tasks of each of these operating systems.

Course Outline:

- MS-DOS 6 Command Line
- Features of Microsoft Windows 9x, configuring the interface, file management, working with the registry
- Features of Windows desktop operating systems, startup troubleshooting tips, resource information, partition and file system management
- History and features of Unix/Linux, file management, administrative responsibilities, common commands, scripting, permissions

Assumed Prior Knowledge/Prerequisites:

CIS 214 (Advanced Computer Applications-Batch File Programming).

Learning Objectives:

Course participants will be exposed to a wide range of topics pertaining to Operating Systems technology. Students will be provided with the basic functionality of an operating system, and will then be exposed to a variety of the most frequently used operating systems in the business environment.

By the end of the semester, students will attain a broad range of learning objectives, and will be able to:

- Understand the underlying components of an operating system along with the major functionality from a technical perspective. Included here will be the historical progression of some of the major operating systems.
- Compare and contrast the main user features, administrative capabilities, and system requirements of the DOS, Windows 9x, Windows desktop and server operating systems as well as Unix/Linux operating systems.
- Describe the file structure of DOS/Windows 9x, Windows O/S, and Unix/Linux systems.
- Identify the ideal applications and/or user environments for these various operating systems.
- Identify and contrast a variety of troubleshooting techniques required to support the various operating systems covered. The focus will be on troubleshooting tips to help facilitate maintaining a stable information technology environment.
- Understand the integration requirements when implementing operating system solutions ranging from the desktop to the enterprise.

Course Materials:

Required Textbook: Guide to Operating Systems (Enhanced Edition) by Palmer, Walters, Badgett and Jonker. Course Technologies
ISBN:1-4188-3719-9

Required Supplies:

Required Software:

1. Adobe Acrobat Reader (www.adobe.com)
2. Microsoft Word, MS Word Compatible or RTF compatible Word Processing Application

Instructional Approach

This course will consist of lectures, discussions and labs. Instructional policies and course design and academic competencies are available from the instructor.

Online Lectures

Online lectures will explore materials covered in the readings and extend the understanding of these topics. Some quiz questions and discussion topics relate directly to the online lectures.

Discussion Section

Discussion assignments – in the discussion section of this class, I'll start of the first couple of weeks of discussions. I have to tell you that these discussions are much easier to follow if we all use the [quote] feature and pay attention to whose message to which we are replying. This week, make sure that you are reading my post when you hit the [quote] button for your initial post.

Your discussion grade is calculated as follows:

1. You need to post your initial reply on time to be eligible for full credit. Late posts get points. **Always submit something, no matter how late.**
2. Then we count the number of additional threads and replies that you post.
3. Then we subtract any "me too" or "yea right" posts
4. Then we plot it on a curve

As long as you are on time with your initial posts, you get a minimum of 85 points, or a "B". Because of the curve, there is a competition to get 100 points for the discussion component of your total assessment.

Homework Assignments

All homework assignments can be found online in the CCOL/WebCT section for your class. The homework assignments are research and often related to the materials in the online lectures. Some questions require web-based research.

The procedure for completing written assignments is:

1. Select the appropriate assignment in the assignment section of CCOL/WebCT
2. Download the MS Word doc for that assignment. If you are unable to open MS Word files, you may make the case for RTF versions of assignments but you must make your request within the first two weeks of the semester.
3. Read and follow the instructions for the assignment
4. Save your assignment by adding your name to the front of the file name.
5. Upload your assignment and submit it for grading.

When your assignment is returned to you, it will be in PDF format with corrections.

Files must be in MS Word or RTF format. When saving files, it is very important that you include your name in the file name of the assignment. After week two, points will be deducted from assignments that do not follow naming protocols.

Initial file name	NET140-81-Homework-One-v1-0.doc
Submitted file name	Yourname-NET140-81-Homework-One-v1-0.doc

Hands-On Projects

Labs are taken from the hands-on projects from the course text. You will create a Word/RTF document to present your lab work. These exercises will provide the actual “hands-on” experience in the implementation of the technologies.

Lab documents should be submitted to the assignment section of WebCT. You should create a Word or RTF document “writing” up the project. **Screen shots are required and a minimum of one screen shot for each step in the lab instructions is expected.** If there are no specific questions to answer, you should submit a step by step description of what you have done during the assignment. Assignments that are complete and submitted on time will receive 85 points. Student who go beyond the minimum of what is required from the book will have the opportunity for enhanced credit.

If you are unable to complete tasks in a given lab project, document the steps you took and the issue that got in your way.

Quizzes

There are five quizzes that are aimed specifically at testing your understanding of the technology. Testing includes multiple choice, matching, short answers, and essays. Most of the questions are designed to have the student think about what they have learned, and answer accordingly (which includes applicability to real world situations). Quizzes are online and is open book/notes.

Final Project

The final paper requires you to research an operating system topic not specifically covered in class. With permission from the instructor, students can expand on a topic already covered in class as well. Students are required to do a considerable amount of research and are required to document all of their sources of information. There are three steps to the project process:

1. Students select a project topic
2. Students write a thesis statement on which to base their project.
3. Students submit a written report.

Additional details about the final paper will be posted by week five.

Assessment

**Calculation of your final grade
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Homework	20%
Labs	20%
Project	25%
Discussion	20%
Quizzes	15%
	100.00%

The following scale will be used to determine grades for course:

Grade	Range
A	93+
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	Below 60

GRADING CRITERIA FOR PROJECTS/HOMEWORK/LABS

Labs and written assignments will receive up to 100 points if they:

- Answer the question or complete the task
- Are presented in a professional manner with regards to format, grammar, supporting information.
- Are posted on or before their due date

Labs and written assignments will lose points for the following:

- Do not answer the question or complete the task – 10 Points
- Are submitted without regard for presentation with regards to format, grammar, or supporting information – 10 points
- Are posted after their due dates – 10 – 20 points

As long as you turn in something by the due date/time and, you will not be marked late. However, if you are having trouble with an assignment, check in with me **before** the due date/time and I will take a look and see what may be wrong.

Written Assignments

A -The paper has all of these attributes:

- Fulfills all requirements for "C" and "B" paper.
- The writer demonstrates, by creative use of language and a keen sense of detail, an ability to communicate clearly, concisely and interestingly to the appropriate reader via persuasive use of logic and demonstrates evidence that the writer is developing a style unique to his/her experiences and interests in the business world.

B--The paper has all of these attributes:

- Fulfills all requirements for a "C" paper.
- Each sentence is clear and concise. Each sentence leads logically and smoothly into the next. The student does not use distracting jargon or slang. The essay minimizes use of the compound sentence.
- The tone is appropriate and consistent.

C--The paper has all of these attributes:

Correctly fulfills the assignment. Has few or no errors in grammar and sentence structure. Is neat and legible. Has clearly expressed and logically developed ideas. Has an introductory sentence or two and provides evidence supporting the ideas. Uses appropriate details/examples to support opinions. Uses language appropriate to a specific audience.

D--The paper has one or more of these faults:

Does not have a clear topical or introductory sentence. Contains many grammatical errors which distract the reader. Makes generalizations not supported by details or examples. Attempts to cover too broad a topic to discuss in a short paper. Shows lack of care in proofreading.

F--The paper has one or more of these faults:

Fails to fulfill the assignment. Lacks a central, organized, logical approach or thought. Displays a general carelessness and casual approach to the assignment.

Course Policies:

Withdrawing from the class: You may withdraw from the class until week eight without a withdrawal grade. Withdrawing from the class after this deadline will result in an assignment of a passing or failing grade, which will affect your QPA. Potential consequences of your failure to do so include: failing grades, reduction in financial aid and academic dismissal from the College.

Grades of Incomplete: Incompletes will only be considered before the end of the final exam period. Please check the student handbook (The Rudder) for details.

Emails

Online sections should use WebCT email exclusively.



**NET 140 81 Fall '08
Operating Systems**

Students with Disabilities

If you believe that you have a disability requiring accommodations in this class, please contact the Coordinator of Support Services for Students with Disabilities as soon as possible. After you receive your accommodation form, please contact the instructor ASAP to insure all accommodations are implemented in a timely fashion. It is the student's responsibility to seek and secure accommodations prior to the start of a test or project.

Contact: Janine Allo
Office of Support Services for Students with Disabilities
Office: Hauke 007
Phone: 802-865-5484
Email: jallo@champlain.edu

Academic Honesty:

Written assignments must be in your own words unless specified by the instructor for an individual question. Answers that are taken from lecture materials, books, web sites or other sources and are not restated will be marked wrong. Repeat offenses will be referred to the Office of Academic Affairs. If you want to include materials that you have not written, you must surround the text in quotation marks and cite (list) the source. Be especially careful of answers to homework questions and quiz (essay) questions. **If you didn't write it, cite it. Quoted and cited references are not a substitute for answers in your own words.**

Feel free to ask questions of other students in the class. You'll probably learn this material faster and more thoroughly if you interact with other students in the class. However, your work must be your own. There is a clear line between asking another student to explain a concept and copying that student's work and turning it in as your own. Simply ask yourself, "Do I understand what my classmate did, and can I now do it myself without help?" If you can answer "Yes" to this question then you haven't cheated, rather you've learned from the help provided by the classmate. This type of interaction is strongly encouraged in this class! **In addition, any material that you do not write 100% by yourself must be cited and the source named.**

"In the preparation and presentation of any assigned work-including examinations, tests, quizzes, term papers, reports, themes and other written or oral exercises-every student shall conform to a strict standard of academic honesty. Any attempt to deceive a faculty member or to help another student to do so will be considered a violation of this standard. In all assignments, you must acknowledge the words and/or ideas of others taken from print or electronic media, whether a direct quotation or a paraphrase; any omission of this is dishonest. Cheating on examinations or tests consists of knowingly giving, receiving or using-or attempting to give, receive or use-unauthorized assistance during an examination or test. A faculty member may record a grade of "zero" for any assignment on which a student has plagiarized or cheated. For repeat offenses within a single course, the faculty member may record a grade of "F" for the course. Violations of this policy in multiple courses may result in dismissal from the College. A student may appeal these decisions according to the Academic Grievance Procedure."