

Syllabus

Section Information: Classes 51115

Course Name :	SYST13416 Introduction to Linux Operating System
Course Description :	<p>This course provides an introduction to the Linux operating system. It is not aimed to be a survey course. Students acquire an indepth understanding and appreciation of the Linux programming environment by exploring the capabilities of a single shell environment; students create shell scripts, use scripting tools, and interact directly with the operating system environment, to demonstrate their mastery of key concepts.</p> <p>The objective of the course is to give students a solid foundation of the operating system environment, to develop lifelong skills, including critical thinking, problem solving, communication and interpersonal skills, and covers the following key concepts:</p> <ul style="list-style-type: none"> Developer's shell environment--the command prompt. File systems, text file manipulation, text editors Interactive and batch shell programming. Linux utilities and security.
Course Outline:	http://ulysses.sheridanc.on.ca/coutline/coutlineview.jsp?appver=ps&subjectCode=SYST&courseCode=13416&version=18.0&sec=0&reload=true
Course Purpose:	This course provides the foundation for understanding and working with an operating system.

Professor: Ellen Bajcar

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Tentative Weekly Plan

1	Module 1 • The Essence of Unix	8	Module 5 • Bash Script Programming
2	Module 2 • Linux Command Line	9	Module 5 • Bash Script Programming
3	Module 3 • Linux File System	10	Module 6 • Filtering with Regular Expressions
4	Module 4 • Linux Files	11	Module 6 • Filtering with Regular Expressions
5	Module 4 • Linux Files	12	Module 7 • Processes and Utilities
6	Preparation for midterm exam	13	Preparation for final exam
7	MIDTERM	14	FINAL EXAM

Course Evaluation

Assignments	40% (weeks 4, 5, 11, 12)
Midterm Exam	30% (week 7)
Final Exam	30% (week 14)
Note	• Regardless of the final total mark, students must obtain at least 50% average between the midterm and final exam to pass this course.

	<p>exam to pass this course.</p> <ul style="list-style-type: none"> • Exams must be taken on the day specified. If you are unable to attend due to illness, you MUST: <ul style="list-style-type: none"> ✓ Contact me as soon as possible after you miss the exam to set up a makeup date/time if applicable ✓ You must provide a valid doctor's note stating the reason you were unable to attend the exam; without a valid excuse, you will not receive a makeup exam
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Classroom Policies

Introduction:	"A classroom is a place where a few dozen people get together to agree to pay attention together, to think about ideas together, and to talk about them. When we pay attention together, and think about ideas together, and most importantly talk about them in the same energized moment, that's where the best stuff really happens."
Classroom Behavior:	<ul style="list-style-type: none"> • Please be polite and consider others. • If you distract or disturb others, you may be asked to leave the room. • Student Code of Conduct is available here: http://www.sheridancollege.ca/Services/Student%20Learning%20Services/~/_media/WF_02_SS_RightResp_048/student%20code%20of%20conduct%20approvedfinal.ashx
Expectations:	<ul style="list-style-type: none"> • Attendance: You are expected to participate in class and complete in-class exercises, labs, quizzes and exams on the days specified. It is your responsibility to catch up on material missed (see SLATE). • Late Arrival: If you arrive late to class, quietly take a seat. It is your responsibility to catch up with the material already covered.
Additional Information :	<ul style="list-style-type: none"> • You are expected to read all material and complete all steps in a regular timely fashion. Work on the course each week. • There are several modules in the course. Each module requires a different amount of time to complete. Note that the actual time to complete the work will vary from student to student. Plan on completing about 3 hours of work each class. • Do not fall behind because it will be very difficult to catch up. • You are responsible to see that all assignments have been completed at the appropriate time. • The course has not been completed until all assignments, project, and quizzes have been submitted and the tests have been written. • Read all instructions carefully to be sure that you are doing exactly what is required. • Not all modules are available at the beginning of the course but modules will be made available in advance of when they are needed.
Assignments:	<ul style="list-style-type: none"> • Group assignments are generally in-class exercises that give you the opportunity to work with others to discuss and practice. All work for submission will be marked either 'Group' or 'Individual'. • Please submit assignments in person in class, and electronic version through SLATE drop box. If you have handed in a paper copy in class, you also need to submit the appropriate SLATE drop box noting when and how you submitted your work. Please do not email. • All attachments must be in pdf format, unless otherwise specified. • If your work has been returned for revision or correction, you have 48 hours to resubmit the corrected work through SLATE drop box. Otherwise, the original submission will be marked as is, or the late resubmission will be subject to late penalties (whichever gives you the higher grade). • Late assignments will be assessed a late penalty of 10% per school day, and will not be accepted for credit more than five (5) school days late. • I will make every effort to have your assignments marked and posted within five (5) school days of submission. Therefore, if you handed in an assignment and don't see a mark for it five days after submission, it is your responsibility to let me know (SLATE email) prior to the start of the next class. Failure to do so will result in no credit for the assignment. • Individual assignments are to be done individually. If you need help with an assignment please contact me. Do not lend your assignment to another student who needs help, or doing so could result in a cheating incident. Sheridan takes Academic dishonesty very seriously. You also need to be careful as submitted assignments with the same errors, typos, approaches to problems etc., will attract suspicion. It is best if you work on your assignments alone, and contact me for help. • You are responsible for following all directions and submitting assignments in the correct format and at the correct times.