SYST 38364 Winter 2018 Class Plan

1181_38142

Instructor: Liz Dancy

Contact Info: Elizabeth.dancy@sheridancollege.ca (**Please use this email address instead of SLATE**)

Office Hours: By appointment using Sheridan email

Course Times: Mondays, 8AM-11AM M28 (Davis)

Course Outline:
https://ulysses.sheridanc.on.ca/coutline/coutlineview.jsp?appver=ps&subjectCode=SYST&courseCode=38634&version=1.0&sec=0&reload=true

Mark Breakdown

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Midterm                                 - 20%
Final                                   - 20%
In-Class Exercises 8@5%                 - 40%
Software Development Plan – 1@20%       - 20%
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                                        100%
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In addition to achieving 50% overall, a student must average at least 50% on the midterm and final exam combined in order to receive credit for this course.

Text: A variety of online readings will be assigned and students will be expected to access supplementary readings from Books 24x7.

Recommended Reading

Aiello, B. & Sachs,L. (2010). *Configuration Management Best Practices: Practical Methods that Work in the Real World*. Addison-Wesley Professional.

Week	Planned Objectives	Evaluation/For Collection	Readings
1 – Jan 22	• Introduction to Course • Agile Methodology, • Test-Driven Development • Pair Programming	**In-Class Exercise 1: Agile Design Activity**	Agile Manifesto Test Driven Development: A J2EE Example by Russell Gold, Thomas Hammell and Tom Snyder Chapter 3 (Books 24x7)
2 – Jan 29	• Automated Testing • JUnit/NUnit	**In-Class Exercise 2: Automated Testing**	
3 – Feb 5	• TDD in depth	**In-Class Exercise 3: TDD**	**http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.108.147&rep=rep1&type=pdf**
4- Feb. 12	• Configuration management and version control • basic labelling • branching • Install and set up CI server • CI definitions • processes that support CI	**In-Class Exercise 4: Automated code refresh and checkout**	Recommended reading text chapter 2
FAMILY DAY FEB 19th			
BREAK WEEK			
6- Mar 5th	• running a basic build (checkout code and build with artifacts) • scripting	**In-Class Exercise 5: building and testing using a script**	
7—Mar. 12th	**MIDTERM EXAM 20%**		
8— Mar 19th	• Exam correction • Continuous Integration wrap up • Coding standards • Code reviews	**In-Class Exercise 6: Mock code review**	
9—Mar 26th	• Packaging and Smoke Testing	**In-Class Exercise 7: Smoke Testing, deployment**	
10--Apr 2nd	• Defect Tracking • Feature Templates • Development Plans in depth		

11—Apr 9th,	• Software Development Plans in depth • Final Exam Review	**In-Class Exercise 8: Managing Maintenance Activities throughout the lifecycle**	
12- Apr 16th	**FINAL EXAM 20%** •		
Week 13 – Apr 23	**Software Development Plan Collected (20%)/ BONUS ICE**		

Class Plan may change depending on the needs of the students in terms of time to cover each topic or in response to unexpected class cancellations

** Additional reading will be assigned during the course and posted on SLATE**

Exam and Test Policy Common To All Sections

Evaluations, including exams, must be written as scheduled by the faculty member. A makeup evaluation is at the faculty member's discretion provided that the student has an acceptable reason for their absence and may be asked for documented evidence, such as a medical certificate, explaining their absence. These special situations must be discussed with the faculty member immediately once the situation becomes known and ***within a maximum of five business days from the missed evaluation****. Semester time constraints may limit rewrite options. (from course outline)*

Assignment Submission Policies

Source files for assignments along with any other assignment artifacts as specified in the assignment distribution (and posted on SLATE) must be submitted to the SLATE DropBox within the DropBox-specific time limit for on-time submissions. After that time, a Late Submissions folder will be opened on DropBox. **Late submissions are subject to a 10% penalty per day up to a maximum of three calendar days (weekends and holidays are included). After three days, submissions are no longer accepted and will receive a grade of 0.**

*****Further instructions for individual assignments and tests will be delivered in writing as part of the assignment/test distribution*****

Classroom Expectations: Day to Day

- Come to class on time and prepared (notebook, pens)

- Bring your laptop and power cable to every class
- Use your computer for relevant classwork only
- If you must arrive late/leave early please do so quietly
- Email me at the above email address if you know in advance you must miss a test or hand something in late
- Provide appropriate documentation in a timely manner for missed tests or in-class exercises for reasons that you do not know about in advance
- In-class Exercises must be completed **in class**
- Please mute your speakers and turn your phones to silent in class

Code of Conduct

- Our classroom is a positive learning environment. Behaviour that goes against the Sheridan code of Conduct will not be tolerated
- Students are expected to review the code of conduct here: https://www.sheridancollege.ca/~/media/Files/Sheridan%20College/Life%20At%20Sheridan/Student%20Services/Student%20Rights/Student%20Rights%20and%20Responsibilities/Student%20Code%20of%20Conduct%20Policy%20%2001152015pdf%20Revised.pdf

- Of particular importance to classroom learning is the following passage:
  "No student shall…Display any writing, pictures, or graphics, or use language or dangerous gestures, or engage in any behaviours which ought reasonably to be known to be obscene"

- **Students who violate the code of conduct within our classroom will be referred for sanctioning in accordance with the policy linked to above and with the support of the Associate Dean and other parties as necessary.**