Engineering Large Software Systems
Course Information Sheet

General information:

Instructor: Mohamed A. Mansour mmansour@cs.utoronto.ca
Lectures: Tuesday/Thursdays 10-11am in BA1200
Tutorials: Thursdays 11am-12 in BA1200, BA3012, and BA1230
Office hours: Thursdays 2-4pm in my office (BA4268) or by appointment

Course description:

An introduction to the theory and practice of large-scale software system design, development, and deployment. Project management; advanced UML; reverse engineering; requirements inspection; verification and validation; software architecture; performance modeling and analysis.

Textbook:

There is no required textbook in this course.

Online resources:

Course information, lecture notes, tutorial material, important announcements, etc. will be posted on the course website (or sent to Piazza). It is your responsibility to visit it frequently. You are encouraged to use the discussion board to discuss the course material, pose questions, etc. The discussion board will be monitored by your instructor and the TAs.

Course website: https://github.com/UoT-CSC30x-W15/CSC302-W15-Home
Discussion board: http://piazza.com/utoronto.ca/winter2015/csc302

Accessibility Statement:

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible. I will work with you and AccessAbility Services to ensure you can achieve your learning goals in this course. Enquiries are confidential.

Contacting the Instructor:

I encourage you to make use of the office hours. Also you can reach me by email but please use email for personal issues only and use the discussion board on Piazza instead to ask general course-related questions. I receive a large quantity of email over the term but I will try to respond to you within 48 hours. However, it may take longer, especially on weekends and near due dates. Always send emails from your official UTORmail, or CDF email address and **begin email subject lines with "[CSC302-W15]" including the square brackets lest your message accidentally be filed as spam.**

Prerequisites and Exclusions:

Prerequisite: CSC301H1

It is your responsibility to ensure you have the prerequisite for the course.

Evaluation:

The course project (you will work in teams of 6-8) will consist of three phases (15% each), and will be worth 45% of your grade. Class participation and presentations (not project related) are worth 10%. There will be a midterm test worth 10% and a final examination worth 35%. In addition, you must receive 40% or higher on the final exam to pass the course.

Lateness, illness, emergencies:

All assignment deadlines are strict, no exceptions. All work will be submitted electronically. Having technical problems, poor Internet connection, etc. will not be accepted as reasons for late submissions. (Welcome to the real world!)

In case of illness or other exceptional circumstances, proper documentation (a UofT medical certificate in case of illness) must be provided. In this case a missed homework or a missed test may be cancelled at the discretion of the instructor; marks for a missed homework/test will be distributed evenly over the other marked homeworks/tests.

Policy on collaboration:

Do not use another team's work. As a precaution, I suggest that you only discuss high level ideas with other team's members. You are not permitted to take any notes during these discussions, nor are you permitted to consult other teams' work. Sharing your team's work with other teams is a violation of this policy. If challenged by either a tutor or the instructor, you must be able to reproduce and explain any work you submit in an oral exam. Failure to observe this policy is an academic offence, carrying a penalty ranging from a zero on a homework or a test to suspension from the university.

Silent policy:

A silent policy takes effect 24 hours before an assignment is due. This means that no question about the assignment will be answered whether it is asked on the discussion board, by email, or in person.

Tentative course calendar:

Week	Dates	Deadlines	Weight	Notes
1	5-Jan			
2	12-Jan			
3	19-Jan			
4	26-Jan			
5	2-Feb	Project Phase1 due Thu 5 Feb 10:00p.m.	15%	
6	9-Feb			
-	16-Feb			Reading Week
7	23-Feb	Midterm, Tue 24 Feb, (in lecture)	10%	During lecture time
8	2-Mar	Project Phase2 due Thu 5 Mar 10:00p.m.	15%	
9	9-Mar			
10	16-Mar			
11	23-Mar	Project Phase3 due Thu 26 Mar 10:00p.m.	15%	
12	30-Mar			
		Class participation – presentations etc...	10%	
–	8-30 Apr	Final examination	35%	