Introduction to Software Engineering
Course Information

General information:

Instructor:	Joey Freund joey@cs.toronto.edu
Lectures:	Mondays 7-9 p.m. in GB 120
Tutorials:	Monday 6-7 p.m. in GB120, AP120 and WB144
Office hours:	TBD during the first week of class

Course description:

Introduction to software development methodologies with an emphasis on agile development methods appropriate for rapidly-moving projects. Basic software development infrastructure; requirements elicitation and tracking; prototyping; basic project management; basic UML; introduction to software architecture; design patterns; testing.

Textbook:

There is no required textbook in this course.
Recommended text: *Clean Code: A Handbook of Agile Software Craftsmanship* by *Robert C. Martin*. This text is by no means required for this course, but I generally consider it a "must read" for any professional software engineer.

Online resources:

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

Course website:	https://github.com/csc301-fall2014/CSC301H1F-L5101-Home
Discussion board:	http://piazza.com/utoronto.ca/fall2014/csc301/

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:

Please use email for personal issues and use the discussion board to ask general course-related questions. I receive a large quantity of email over the term but try to respond by the end of the next day. 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 "CSC301" lest your message accidentally be filed as spam.

Prerequisites and Exclusions:

Prerequisite: CSC209H1, CSC263H1/CSC265H1
It is your responsibility to ensure you have all prerequisites for the course.

Evaluation:

The course project (you will work in teams of 4-6) will consist of four phases, and will be worth 45% of your grade. Exercises 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	M-F Dates	Deadlines	Weight	Notes
1	8-12 Sep			
2	15-19 Sep	Mini-exercise due, Mon 15 Sep 1 p.m.	1%	
3	22-26 Sep	Exercise due Wed 25 Sep 10:00 p.m.	9%	
4	29 Sep-3 Oct			
5	6-10 Oct	Project Phase1 due Wed 8 Oct 10:00p.m.	8%	
6	13-17 Oct			No lecture, Thanksgiving Day
7	20-24 Oct			
8	27-31 Oct	Midterm, Mon 27 Oct, during lecture	10%	
		Project Phase2 due Wed 29 Oct 10:00p.m.	12%	
9	3-7 Nov			
10	10-14 Nov	Project Phase3 due Wed 12 Nov 10:00p.m.	10%	
11	17-21 Nov			No lecture, Fall Break
12	24-28 Nov	Project Phase4 due Wed 26 Nov 10:00p.m.	15%	
				Extra lecture on Wed Nov 26
–	Dec 8-19	Final examination	35%	