Introduction to Software Engineering

Course Information

General Information:

Instructor: Alexei Lapouchnian alexei.lapouchnian@utoronto.ca

Lectures: Monday 18:00 – 20:00 in MP137

Tutorials: Monday 20:00 – 21:00 in MP137, BA1200, and BA1210

Office Hours: Tuesday 16:30 – 17:30 in BA3219

TAs:

- Adam El-Masri adam.el.masri@mail.utoronto.ca
- Alexandru Baluta alexandru.baluta@mail.utoronto.ca
- Siddhartha Thota sid.thota@mail.utoronto.ca

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.

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://csc301-winter-2018.github.io/

Discussion Board: https://piazza.com/utoronto.ca/winter2018/csc301/home

Github Signup Form: [To be provided]

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 Accessibility Services as soon as possible. We will work with you and Accessibility 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:

Prerequisites: CSC209H1, CSC263H1/CSC265H1

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

Evaluation:

There will be four individual assignments, worth a total of 30%.

The team project (you will work in teams of 6-7 students) will be worth 45%, based on three deliverables (25% in total), final presentation (10%), ongoing individual contribution (8%), and tutorial participation (0.25% of the final grade for every tutorial attended, for up to 2% in total).

There will be an in-class term test worth 25%. **There is no final exam**.

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.

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 deliverable may be cancelled at the discretion of the instructor and its marks distributed over similar deliverables (e.g., assignments or team deliverables). **All students are required to take the term test**. If you are not able to take the test for any reason, email the instructors. Students who missed the test for no valid reason will be penalized at the discretion of the instructors.

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 TA 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	Week of	Deadlines	Weight	Notes
1	Jan 8			
2	Jan 15	Individual Assignment 1, Jan 19	3%	
3	Jan 22			
4	Jan 29	Individual Assignment 2, Feb 2	7%	
5	Feb 5	Team Deliverable 1, Feb 9	7.5%	
6	Feb 12	Individual Assignment 3, Feb 16	10%	

	Feb 19			No classes - Reading Week
7	Feb 26			
8	Mar 5	Team Deliverable 2, Mar 9 Individual Assignment 4, March 6	7.5%, 10%	
9	Mar 12			
10	Mar 19	Term Test, in class, Mar 19-20	25%	
11	Mar 26	Team Deliverable 3, Mar 30	10%	
12	Apr 2	Team Final Demo (Last 2 lectures)	10%	
	Ongoing	Consistent team project contribution	8%	
	Ongoing	Tutorial participation	2%	