CSC207: Course Information Sheet - Fall 2014

Welcome to CSC207 Software Design. One major goal of this course is to introduce you to large-scale software design and development concepts and to tools that become useful as you work on projects in teams. We will discuss effective team behaviors and communication skills, practice agile methods for designing software, and use tools such as a fully-featured IDE and a version control system. The other primary goal of this course is to help you practice how to learn a new language. Instead of focusing on syntax as we did in CSC108H, we will compare salient features of Python and Java, expecting you to fill in details outside of class, and will investigate Java's memory model, scoping facilities, and object-oriented structures in depth.

General Information

Instructor	Email	Office hours	Section	Lectures	Room	Labs*
Emad Andrews	emad@cs.toronto.edu	T6-8 BA4261	L5102	M7-9	MC252	M6
Michalis Famelis	famelis@cdf.toronto.edu	T3-5 BA3289	L0201	WF2	BA1170	M2
Mohamed Mansour	mmansour@cs.toronto.edu	TW2-3:30 BA4268	L0101 L5101	WF12 W6-8	BA1170 BA1170	M12 W5

*All lab sections take place at the CDF labs (BA3175, BA3185, BA3195).

Marking Scheme

Work	Weight	Comment	Team size	Due date
Lab attendance	5%	All scheduled labs are mandatory	Individual	
Exercises *(auto-marked)*	10%	E1 5% E2 5%	Individual Individual	week 3 week 6
Project *(with students from your lab section)*	30%	Phase 0 5% Phase 1 9% Phase 2 8% Phase 3 8%	Two Two Four Four	week 5 week 7 week 9 week 11
3 Quizzes	20%	Short, 25 minute quizzes, each worth 10%. Only the best 2 out of 3 are considered for the final mark.		week 4 week 8 week 12
Final exam	35%	You must get at least 30% of the final exam marks to pass the course.		

Course Timetable

The deadline for submitting deliverables is on Thursday 10pm of the week they are due.
All labs are mandatory and count towards the course mark.

Week number	Dates	Lab	Deliverable	Marks	Cumulative marks
1	Sep 08 - 12	No			
2	Sep 15 - 19	Yes			
3	Sep 22 - 26	Yes	**Exercise 1**	5	5
4	Sep 29 - Oct 03	Yes	**Quiz 1**	(7)	12
5	Oct 06 - 10	Yes	**Project phase 0**	5	17
6	Oct 13 - 17	No	**Exercise 2**	5	22
7	Oct 20 - 24	Yes	**Project phase 1**	9	31
8	Oct 27 - 31	Yes	**Quiz 2**	(7)	38
9	Nov 03 - 07	Yes	**Project phase 2**	8	46
10	Nov 10 - 14	Yes			46
11	Nov 17 - 21	No	**Project phase 3**	8	54
12	Nov 24 - 28	Yes	**Quiz 3***	(6)	60
13	Dec 01 - 05	No			60
			Final exam	35	95
			Labs participation	5	100
			Total	100	

***Section L5102 will have their Quiz 3 on the Monday of week 13.**
(Quizzes each worth 10%. Only the best 2 out of 3 are considered for the final mark.)

Resources

Course website: http://www.cdf.toronto.edu/~csc207h/fall/
The website is required reading. It contains important information: assignment handouts, the policy on missed work, a discussion forum, and more.

Discussion board: https://piazza.com/class/hx9rw98rj2x71z
Piazza will be used to post announcements, tips, clarifications and other important information. You are responsible to keep track of all announcements made in lecture and the online course discussion forum (Piazza). Major announcements about the project will be pinned in Piazza. We will not be answering

project-related questions at lecture time. All questions related to the project should be posted to Piazza, so that all students have access. (For personal questions, see the section "*Contacting your instructor"* below).

How to access the discussion board: An email will be sent to your UTOR account inviting you to join csc207's Piazza forum. If you have not registered your UTOR email address on ROSI, please do as soon as possible!

Textbook: There is no required textbook in this course. All required readings will be posted on the course website. However, if you wish to own a hardcopy Java reference, you may find the following book useful: *Russel Winder, Graham Roberts, Developing Java Software, 3rd edition, Wiley, 2006.*

Contacting your instructor: Use Piazza for asking technical and general course-related questions questions (see the *"Discussion Board"* section above). Please only use email for personal questions. When emailing us, use your UTOR email address, include "CSC207" in the subject line and sign your full name. For questions that simultaneously technical *and* personal, come to office hours (see times above). You are free to go to any instructor's office hours.

Deliverables

Labs: There are regularly-scheduled labs beginning on week 2. There will be no labs on weeks 1, 6, 11, 13. Lab attendance is mandatory and counts towards your course mark. All of the labs will take place in the CDF labs (BA3175, BA3185, BA3195). Lab room assignments will be posted on the course website before the first lab. Lab attendance is mandatory and will be your participation mark (see marking scheme). Because each lab section is tied to a particular lecture section, you are only allowed to attend your assigned lab section.

Handouts and submission: In this course, you will learn about the Subversion version control system. Each of you will have your own Subversion repository, shared by you, the TAs, and your instructor. Coursework handouts will be made available to you via your repository and you will submit your coursework using your repository (*not online via MarkUs*). Teams will have repositories as well. The deadline for submitting coursework is on Thursday 10:00pm (sharp) of the week the particular deliverable is due. See also the *"Late policy"* section below. For deliverables that involve code, the submitted code is only considered correct if it compiles and runs correctly on CDF machines.

Teams: Teamwork is a huge component of this course (it is in fact a learning objective). Phases 0 and 1 of the project will be completed in teams of 2. You must choose a partner from your lab section and you will work with that person for those two phases. Phases 2 and 3 will be done in teams of 4, which will be formed by merging two pairs. We will decide which pairs will be merged.

Quizzes and exam: There are three 25 minute quizzes that will take place during regular lecture timeslot, and one final exam that takes place after classes are over. Only the best 2 out of 3 will be considered for your final mark. In order to pass the course, you must get at least 30% at the final. The final exam schedule will be posted here: http://www.artsci.utoronto.ca/current/undergraduate/exams

Policies

Late policy: All coursework deadlines are firm, no exceptions. There are neither grace days nor accommodations for reduced marks for late submissions. 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 (an official UofT medical certificate in case of illness) must be provided.

Response policy: Emails sent to instructors will be answered within 48 hours (excluding weekends). We will not reply to emails 12 hours before and after deliverables are due.

Anonymous feedback: We provide a form for anonymous feedback on the course website. Please use it to send us any feedback (positive or negative) that will help us improve everyone's learning experience. We pledge to respect the submitter's anonymity, except in cases where there is reason to share information with appropriate authorities. Note that your question or a paraphrase of it (but not your name) may be posted (and answered) on the discussion board, in lecture, or in some other public forum.

Accessibility: The University of Toronto is committed to accessibility. If you require accommodations or have any accessibility concerns, please visit http://www.accessibility.utoronto.ca as soon as possible.

Remark requests: Requests for remark should be submitted in writing in accordance to University of Toronto policy.

Academic offences: All of the work you submit must be done by you (or members of your team, if you are permitted to work in a team), and your work must not be submitted by someone else (or by another team). Plagiarism is academic fraud and is taken very seriously. The department uses software that compares programs for evidence of similar code. Please read the Rules and Regulations from the U of T Calendar (especially the Code of Behaviour on Academic Matters):
http://www.artsandscience.utoronto.ca/ofr/calendar/rules.htm
Here are a couple of general guidelines to help you avoid plagiarism:

- Never look at another student's coursework, whether it is on paper or on the computer screen. Never show another student your coursework. This applies to all drafts of a solution and to incomplete solutions.
- The easiest way to avoid plagiarism is to discuss the piece of work only with your partner,
- CSC207H TAs, the CS Help Centre TAs, and me.