

**CSC444: Software Engineering I**  
**University of Toronto**  
**Fall 2015**

Instructor: Matt Medland  
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Lectures: RS211 – Tuesdays 3:00 p.m. to 6:00 p.m.

Website: <http://www.cs.toronto.edu/~matt/csc444/>

Office hour: Wednesday 4:00 p.m. to 5:00 p.m. in BA5224

Textbook: None required

Tutorials: TUT0101: Wednesday 3:00 – 4:00 p.m. in HA401  
TUT0102: Monday 1:00 – 2:00 p.m. in BA2145

Labs: PRA0101 (odd weeks), P0102 (even weeks):  
Wednesday 12:00 noon – 3:00 p.m. in GB251

**Course Overview:**

This course will teach you how to setup and run a software organization or project that is capable of consistently delivering high quality software on predictable timelines.

Topics include: uses of source code control, defect and feature tracking, reproducible automated builds, automated regression testing, release planning and tracking, software development lifecycle models, agile methods, feature specifications, architectural control, effort tracking, and process control. These are the core practices in commercial software development.

The course will also involve labs in which students will have the opportunity to apply techniques learned in the course to a large, real world, software system. The labs will serve as team meetings and project hackathons.

**Assessment:**

There will be three practical assignments associated with a large software project, two exams, and a participation grade, weighted as follows:

assignments (3 total)	25%
midterm test – October 27 <sup>th</sup> , in class	20%
final exam – during normal university exam period	40%
participation	15%

(over)

Students must achieve a grade of at least 35% on the final exam to pass the course.

A component of the participation mark will include peer evaluations for each of the three assignments. The breakdown for the assignments and participation grades are as follows:

<b>name</b>	<b>marks</b>	<b>participation</b>	<b>due date</b>
a1 - reverse engineering	7.5%	5%	13/10/2015
a2 - bug fix or micro-feature	7.5%	5%	03/11/2015
a3 - plan, coding & presentation	10%	5%	01/12/2015

Assignments will be done in teams of 5 – 7 students. Each team will submit a single report for each assignment. There will be a (maximum 10 minute) presentation for the third assignment. All members of a team will receive the same grade for the assignment, except in exceptional circumstances and at the discretion of the instructor.

Due dates for the assignments are firm. In order not to be considered on time, assignments must be submitted at the beginning of class on the due date. There will be a 10% per day deduction for late assignments, up to a maximum of seven days; assignments will not be accepted beyond that point. Weekends and holidays count when calculating lateness.

Marking of the assignments will be handled by the TAs. Requests for remarking must be made, in writing with an explanation, to the course instructor.

### **Academic Integrity:**

Do not use another team's solution. To avoid problems, discuss with fellow students from other teams only general approaches to assignment solutions. Do not take notes during such discussions. See the course website for advice on academic integrity and avoiding plagiarism.