CSC444: Software Engineering I
University of Toronto
Fall 2014

instructor: Matt Medland
office: BA5224
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lectures: WB219 – Mondays 3:00 p.m. to 6:00 p.m.

website: http://www.cs.toronto.edu/~matt/csc444/

office hour: Monday’s 2:00 p.m. to 3:00 p.m. in BA5224

textbook: The Agile Planning Horizon in Professional Software Development – available from instructor for $40

tutorials (odd weeks): TUT0101: Friday 11:00 – 12:00 noon in BA3008
TUT0102: Tuesday 2:00 – 3:00 p.m. in BA3012

labs (even weeks): PRA0101: Tuesday 3:00 – 6:00 p.m. in GB251
PRA0102: Friday 3:00 – 6:00 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, agile methods, feature specifications, architectural control, effort tracking, and process control. These are the core practices used 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.

Evaluation:

labs (6 × 5% each): 30%
midterm test (in class): 20%
final exam: 40%
participation: 10%