DEPARTMENT OF MATHEMATICAL AND COMPUTATIONAL SCIENCES UNIVERSITY OF TORONTO MISSISSAUGA

CSC301H5F LEC0101 Introduction to Software Engineering Course Outline - Fall 2014

Class Location & Time Fri, 10:00 AM - 12:00 PM IB 345

Instructor Joey Freund

Office Location Office Hours E-mail Address

joey@cs.toronto.edu

Course Web Site https://github.com/csc301-fall2014/CSC301H5F-home

Teaching Assistant Saad Ilyas

E-mail Address silyas@uwaterloo.ca

Course Description

An introduction to agile development methods appropriate for medium-sized teams and rapidly-moving projects. Basic software development infrastructure; requirements elicitation and tracking; estimation and prioritization; teamwork skills; basic UML; design patterns and refactoring; security. [24L, 12T]

Prerequisite: CSC209H5, 290H5

Exclusion: CSC301H1, CSCC01H3 (SCI)

Distribution Requirement: SCI

Students who lack a pre/co-requisite can be removed at any time unless received explicit waiver from department.

Textbooks and Other Materials

Recommended text:

Clean Code: A Handbook of Agile Software Craftsmanship

By Robert C. Martin

Assessment and Deadlines

Type	Description	Due Date	Weight
Assignment	Mini-exercise	2014-09-19	1%
Assignment	Exercise	2014-09-29	9%
Term Test		2014-10-24	10%
Assignment	Project (divided into 4 phases, each graded separately)	On-going	45%
Final Exam		TBA	35%
		Tota	l 100%

More Details for Assessment and Deadlines

The project will be divided into 4 phases:

Phase 1, worth 8% of the final grade, due Friday Oct 10.

Phase 2, worth 12% of the final grade, due Friday Oct 31.

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Phase 3, worth 10% of the final grade, due Friday Nov 14.

Phase 4, worth 15% of the final grade, due Friday Nov 28.

Penalties for Lateness

No late work accepted.

Procedures and Rules

Missed Term Work

In case of illness, bring a U of T medical certificate to the instructor within one week of the missed work. The certificate must specify the exact period during which you were unable to carry out your academic work.

Missed Final Exam

Students who cannot write a final examination due to illness or other serious causes must file an<u>online petition</u> within 72 hours of the missed examination. Original supporting documentation must also be submitted to the Office of the Registrar within 72 hours of the missed exam. Late petitions will NOT be considered. If illness is cited as the reason for a deferred exam request, a U of T Medical Certificate must show that you were examined and diagnosed at the time of illness and on the date of the exam, or by the day after at the latest. Students must also record their absence on ROSI on the day of the missed exam or by the day after at the latest. Upon approval of a deferred exam request, a non-refundable fee of \$70 is required for each examination approved.

Academic Integrity

Honesty and fairness are fundamental to the University of Toronto's mission. Plagiarism is a form of academic fraud and is treated very seriously. The work that you submit must be your own and cannot contain anyone elses work or ideas without proper attribution. You are expected to read the handout How not to plagiarize (http://www.writing.utoronto.ca/advice/using-sources/how-not-to-plagiarize) and to be familiar with the Code of behaviour on academic matters, which is linked from the UTM calendar under the link Codes and policies.

Final Exam Information

Duration: 3 hours Aids Permitted: None

Additional Information

Instructor's office hours will be on Friday (after the lecture), the exact time will be determined in the first lecture.

Last Date to drop course from Academic Record and GPA is November 3, 2014.

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