ECE450 - Software Engineering II
Course Information Sheet

General information:

Instructor: Mohamed Abdelrazik Mansour
Email: mmansour@cs.utoronto.ca

Lectures: Wednesdays   12:00-14:00 in WB130
                 Fridays   14:00-15:00 in WB130

Tutorials: Wednesdays   10:00-11:00 in BA1230

Labs: Mondays   12:00-15:00 in GB251
                                     (alternates once every two weeks)

Office hours: Thursdays 2-4pm in my office (BA4268) or by appointment

Course topics include:

Software Development Process
        (Using Agile Software Development)
Modern Version Control Systems
        (Using Distributed Version Control Systems, namely Git and Github)
Software Requirements Engineering
Software Architecture
Modeling and UML (Unified Modeling Language)
Object Oriented Design
Design Patterns
Software Testing
Introduction to Software Entrepreneurship

In addition to a course project with hands on, emulating the environment of a software startup while applying different topics covered in the lectures (with emphasis on team work skills and soft skills in general).

Textbook:

There is no required textbook for this course.

Online resources:

Course information, lecture notes, important announcements, etc. will be posted on Piazza. It is your responsibility to visit Piazza frequently and check your email. You are encouraged to use the discussion board to discuss the course material, pose questions, etc. The discussion board will be monitored by your instructor and the TA.

Discussion board: https://piazza.com/utoronto.ca/winter2015/ece450
Github Organization: https://github.com/orgs/ECE450-W15/

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 AccessAbility Services Office as soon as possible. I will work with you and AccessAbility Services to ensure you can achieve your learning goals in this course. Enquiries are confidential.

Contacting the Instructor:

I encourage you to make use of the office hours. Also you can reach me by email but please use email for personal issues only and use the discussion board on Piazza instead to ask general course-related questions. **When emailing me please begin email subject line with "[ECE450-W15]" including the square brackets lest your message accidentally be filed as spam.**

Prerequisites:

Prerequisite: CSC444H1F

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

Evaluation:

The course project group work is worth 25%.

Individual project work is worth 30%

Class participation and presentations (not project related) are worth 10%.

There will be a final examination worth 35%. In addition, you must receive 40% or higher on the final exam to pass the course.