Willkommen, Bienvenue, Welcome

Jonathan Lung – CSC207H: Software Design

September 16, 2015
Who?

Instructors

Diane Horton
Jonathan Lung
What?

“An introduction to **software design** and development concepts, methods, and tools using a statically-typed **object-oriented programming** language such as **Java**. Topics from: **version control**, **unit testing**, refactoring, **object-oriented design and development**, **design patterns**, advanced IDE usage, **regular expressions**, and **reflection**. Representation of **floating-point numbers** and introduction to numerical computation.”

– Course description
When? Where?

**Tutorial** 5pm-6pm on Wednesdays (Location varies)  
See Lectures and Labs on the course website

**Lectures** 6pm-8pm on Wednesdays (BA1170)

http://www.cdf.toronto.edu/~csc207h/fall
Why?

Build software more...

Cheaply, Correctly, Collaboratively, Smoothly

Finish assignments more quickly
Better marks on assignments
No more e-mailing code back and forth
Fewer “oh no!” moments
How?

Let’s take a look at the course syllabus! (It’s required reading.) Lecture slides, where applicable, will often be posted beforehand. These slides are intended to supplement your notes and will contain __________ for you to fill in.
You may leave…

Sometimes students know the course material before coming in (and sometimes when leaving, too)! We do not want to bore you too much. In this course, major topics include

- Java, JUnit, and IDE usage;
- Android application development;
- agile methods;
- reflection;
- regular expressions;
- version control systems (cvs, svn, git, mtn, hg, etc.);
- design patterns;
- and using a UNIX shell.
Or stay!

We don’t want to endanger you. You’re welcome to stay in CSC207, anyway! If you wish to skip this course, please talk to me before the last day to add a course, but the sooner the better.
Questions?

Then let's take a quick look at our software environment!