

Overview

This sheet summarizes information for CSC 207 H1F (*Software Design*) during Summer 2016 on the St. George campus. One major goal of this course is to introduce you to large-scale software design and development concepts and to tools that become useful as you work on projects in teams. We will discuss effective team behaviours and communication skills, practice agile methods for designing software, and use tools such as a fully-featured IDE and a version control system. The other primary goal of this course is to help you practice how to learn a new language. We will compare salient features of Python and Java, expecting you to fill in details outside of class, and will investigate Java's memory model, scoping facilities, and object-oriented structures in depth.

Website

Course Website: <http://www.cdf.toronto.edu/~dema/csc207>

Discussion Board: <https://piazza.com/utoronto.ca/summer2016/csc207h1/home>

You are responsible for reading all announcements on the portal and on the course website; please check at least weekly.

Lectures & Labs

Section	Lectures (Room)	Labs (Rooms)
L5101	R 18.00-20.00 (BA 1190)	R 20.00-21.00 (<i>to be announced on course website</i>)

Note: First lab will be May 19, 2016.

Contact

Section	Instructor	Email	Office	Office Hours*
L5101	Iilir Dema	ilir.dema@mail.utoronto.ca	BA 3289	R 16:00–18:00

*outside these hours, please make an appointment

Extra office hours will be held before the midterm test and the final exam—details will be posted on the course website.

Grading Scheme

Item	Weight	Description	Team Size
Labs	8%	8 labs (1% each)	
Exercises	7%	Three exercise sets (1%, 3%, 3%)	Individual
Assignment	8%		Up to three
Project	20%	Term project, divided into phases	Three to four
Midterm	17%		
Final Exam	40%	You must get at least 40% on the final exam, otherwise your final mark will be set to at most 47%	

Textbook (Optional)

There is no required textbook in this course. All required readings will be posted on the course website. However, if you wish to own a good book on object-oriented software design, you may find the following book useful: Barbara Liskov, John Guttag, *Program Development in Java: Abstraction, Specification, and Object-oriented Design*, Addison-Wesley, 2001.

Late Policy

All work will be submitted electronically. Having technical problems, poor Internet connection, etc. will not be accepted as reasons for late submissions. For exercises, the deadlines are firm and no late submissions will be accepted. For the assignment and the project phases, late penalties will be applied as follows: for the first 24 hours, 1% per hour or part thereof will be deducted. After 24 hours submissions will not be accepted. If you have an issue that prevents you from submitting on time, please contact your instructor immediately.

Petitions

If you are unable to complete homework or if you miss a test due to major illness or other circumstances completely outside of your control, please **contact your instructor immediately**. Special consideration will be considered on an individual basis and will *not* be given automatically. In other words, you risk getting a mark of zero for missed work unless you contact your instructor *promptly*.

In the case of illness, medical documentation must be supplied on the official University of Toronto *Verification of Illness or Injury Form* (see the course website for a link to this document). If you have any concerns or questions regarding your situation, please contact your instructor or your College Registrar—they are well-equipped to help you with anything you may be going through.

Remarking

All remarking requests must be received within **two weeks** of the date when the work was *returned*. It is your responsibility to check course announcements regularly (for work returned electronically).

It is to your advantage to be specific when you write up your request: either clearly demonstrate that the marking scheme was not followed correctly, or ask questions about specific elements in the marking scheme. Note that marks are awarded based on *merit*, not on need—that is the only fair way to award marks—so statements like “I worked really hard” or “I really need those marks” are not good reasons, unfortunately.

If you are unsure whether or not your work was marked correctly but you have not necessarily found an actual error in the marking, please speak with your instructor.

Collaboration

Everything that you submit for marks (assignments, exercises, project, tests and exam) must not contain anyone else’s work or ideas *without proper attribution*. In particular, the writeup of your homework must be done in isolation from other groups and without copying from notes or other sources. This ensures that your solution is truly your own, and that your grade reflects your own understanding of the course material. *To be safe, do not let others look at your solutions, even in draft form and even after the due date.* Please read the Rules and Regulations from the U of T Calendar (especially the Code of Behaviour on Academic Matters): <http://www.artsandscience.utoronto.ca/ofr/calendar/rules.htm>