CSC309 Programming on the Web
Spring 2017

Course Information Sheet

Labs: Jan 09, 8-9pm in LM-161
Jan 13, 10-11am in WI-1017

The location of the following labs will be assigned based on your project team #

Teams 01 to 08: M 8-9pm in BA3175
Teams 09 to 17: M 8-9pm in BA3185
Teams 18 to 25: M 8-9pm in BA3195
Teams 26 to 33: F 10-11am in BA3175
Teams 34 to 42: F 10-11am in BA3185
Teams 43 to 50: F 10-11am in BA3195

Lectures: Sections L0101 & L2001 on MW 10-11 in WI-1017
Sections L5101 & L2501 on M 6-8 in LM-161

Instructor: Amir H. Chinaei

Office Hours: Instructor Office Hours: M 3:45-5:45 in BA-4222

Course Page: https://csc309-spring2017.github.io/index.html . Important information & announcements will be posted on the course page. You are expected to check the page regularly, e.g. one day before each lab/lecture.

Online Forum   You may use discourse for discussions that do not reveal any details of assignments and do not pertain personal matters. It allows you to discuss course material with your fellow students and the course staff. You will likely receive answers on the forum quicker than via e-mail. The course staff may not answer questions posted within the last 24 hours before a test or project/assignment's deadline. The suggestion is to start early and ask questions early.

Email: Instructor email: ahchinaei@cs.toronto.edu

TAs email: csc309ta@teach.cs.toronto.edu

In addition to the course page and discussion forum, email will be an essential means of communication during the term. For this, 1) all students and course staff are required to use their institutional—*i.e.* U of T—email accounts and to check it regularly, at least once per week days. 2) Make sure to include "CSC309," as part of your email subject line. Otherwise, your email may not be read and your request will not be considered. Please use email for questions and discussions that cannot be posted in the forum.

Recall: the course staff may not answer questions asked within the last 24 hours before a test or project/assignment's deadline. The suggestion is to start early and ask questions early.

Grading Scheme:

Work	Due	Weight
Labs/Quizzes	by each lab	15%
Project Phase 0	Jan 20, 10:00pm	3%
Project Phase 1	Feb 03, 10:00pm	4%
Assignment 1	Feb 10, 10:00pm	10%
Project Phase 2	Feb 17, 10:00pm	6%
Project Phase 3	Mar 17, 10:00pm	8%
Assignment 2	Mar 24, 10:00pm	10%
Project Phase 4	Mar 31, 10:00pm	10%+5%
Project Phase 5	Apr 05 04, 1:00-5:00pm	4%
Final Exam	Apr 10 to Apr 28, TBA	30%
	Total	100%
+ Bonus points for appealing/extra features of Project Phase 4		+5%

Final grade is calculated from the following formula:

Quizzes*0.15 + Assignments*0.20 + project*0.35 + Final*0.30 + Bonus*0.05

In addition to other requirements, in order to pass this course, you must achieve 40% of *the final exam.*

Labs/Quizzes: In almost all labs, there is a short quiz, for a total of 15% of your final grade. In addition to quizzes, in each lab, there are some short exercises to be done in groups of two.

Project: The project consists of developing a fully-fledged web application—of your choice—that should be completed in five phases, followed by a final showcasing phase. You should form teams of **exactly four members** for this project—and evenly contribute in all phases.

Part of your grades for the project is based on peer evaluation.

We advise to make sure that one member in your team has skills/experience in database design. Also, make sure your team members have the same schedule and course load as yours. If any of your team members drop the course, it is your full responsibility to complete the project.

We consider up to 5% bonus points for extra/appealing features that you develop by Phase 4 of your project.

Assignments: There are two assignments in this course and both should be done individually. Late or missed delivered assignments will be given grade of 0. In the case of an approved exceptional case, such as illness issues supported with appropriate documentation and forms, we omit the affected assignment from the grading scheme when calculating your final grades.

It is a serious academic offense to claim someone else's work for credit. Be sure to explicitly cite any reference (book, internet pages, etc.) that you receive part of your codes or solutions from, as well as fully credit any source

or person (except for the course staff) you consult in solving your assignments. Never get detailed help on any part of assignments. Also, if a friend asks you for help that may go over the line, do not provide it. The person giving unauthorized help gets into trouble too. It is not worth it! Students are often caught, and the penalties are serious.

Re-marking:	Requests for reconsidering the marking of project/assignments and quizzes must be submitted in written form (and NOT by email) delivered to the instructor directly within 7 days of when the relevant work is returned to you. Please download the re-marking forms from the course page. We consider all requests as soon as we can and before we submit the final grades by the end of the term.
Textbook and computing:	We will provide slides and links to readings online relevant to our weekly topics. By virtue of registering in this course, you will have a *teach.cs* (aka CDF) account, and it is vitally important that you set it up so that you are able to log in. Your CDF account provides computing resources both remotely and within the Bahen building, and it allows you to submit course work.
Topics:	We'll discuss the following topics:

- Introduction to software development on the web
- Concepts underlying the development of programs that operate on the web, including both front-end and back-end components
- Operational concepts of the internet and the web, static client content, dynamic client content, dynamically served content, *n*-tiered architectures, web development processes, and security on the web.