CSC148 Introduction to Computer Science
Summer 2016

Course Information Sheet

Labs: Section T5101 on M 6-8 in CDF Labs
~~Room BA2200: Last name starting with A to G~~
Room BA3175: Last name starting with ~~H to Ng~~ **A** to **K**
Room BA3185: Last name starting with ~~Ni to Wang Shiqi~~ **L** to **S**
Room BA3195: Last name starting with ~~Wang Siyu to Z~~ **T** to **Z**

Lectures: Section L5101 on R 6-9 in ~~TZ6~~ SF1105, on June 9 in BA1130

Instructor: Amir H. Chinaei

Office Hours: Instructor Office Hours: R 10-12 in BA4222

Course Page: http://www.cs.toronto.edu/~ahchinaei/teaching/20165/csc148

Many important announcements and information will be posted on the course page. Students are expected to check the page regularly, e.g. one day before each lab and lecture.

MyBB Forum You may use MyBB 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 much quicker than via e-mail. The course staff may not answer questions posted within the last 24 hours before a test or assignment's deadline. The suggestion is to start early and ask questions early.

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

TAs email: csc148ta@cdf.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 business day. 2) Make sure to include "CSC148," 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 assignment's deadline. The suggestion is to start early and ask questions early.

Grading Scheme:

Work	Due	Weight
Labs/Quizzes	**Mondays 6-8pm**	8%
Test 1	**June 9, 6pm**	16%
Assignment 1	**June 17, 4:30pm**	10%
Test 2	**July 14, 6pm**	16%
Assignment 2	**July 22, 4:30pm**	11%
Assignment 2 demo/interview	**July 25, 6pm, in the lab**	4%
Final Exam	**TBA**	35%
	Total	100%
+ Bonus points for peer instruction and interactions		+5%

Final grade is calculated from the following formula:

*Quizzes*0.08 + Assignment1*0.1 + Asignment2*0.15*
*+ Test1*0.16 + Test2*0.16 + Final*0.35 + Bonus*0.05*

In addition to other requirements, in order to pass this course, students must achieve 40% of *Max(Final, WeightedAvg(Test1, Test2, Final)).*

Labs/Quizzes: In almost all labs, there is a short quiz, for a total of 8% of your final grade. In addition to quizzes, in each lab, there are some short exercises to be done in groups of 2. However, you are required to work with a different student for each lab/assignment. This means if you work with person *x* in the first lab, you are not allowed to work with x in any other labs or any assignments.

Assignments: Assignments specifications and starter codes will be available on the course page a few weeks in advance.

Any assignments can be done in teams of up to two members. However, you may only work with a particular student once. This means if you do Assignment 1 with person *x*, you are not allowed to do Assignment 2, or any lab works with *x*. You will be given a grade of 0 for any assignment in which you do not comply with the requirements.

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.

Tests: For the two term tests and the final exams, you are responsible for the materials covered in the lectures, labs, assignments as well as weekly readings (references are provided on the course page). The final exam is comprehensive.

In addition to other requirements, you must achieve 40% of *Max(Final, WeightedAvg(Test1, Test2, Final))* in order to pass this course.

Re-marking: Requests for reconsidering the marking of the term tests, 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 definitely before we submit the final grades by the end of the course.

Bonus Points: Up to 5% is considered for your interactions in labs and lectures as well as your participation in peer instructions. More details on peer instructions will be provided on the course page from Week 4. Please note that your participation in interactions and peer instructions is optional, and the amount of bonus points you receive is at the discretion of the instructor and teaching assistants. Re-marking is not available for bonus points.

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 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:

- modularity, encapsulation, information-hiding, object oriented design, Abstract Data Types
- recursive data structures and recursive programming techniques
- traversal and mutation of linked data structures, including trees
- efficiency
- algorithms, sorting