CSC263 Course Information Sheet *University of Toronto- Summer 2017*

Overview

- This sheet summarizes information for the course CSC263: Data Structures and Analysis, during the summer term of 2017 on the St. George campus.

Communication

- Course page: https://piazza.com/utoronto.ca/summer2017/csc263/resources
  All course materials and announcements will be posted in Piazza .
- Any non personal questions should be posted there. For personal questions please email the instructor, include CSC263 in your subject line.
- Students are responsible for reading all announcements on the course website; please check at least weekly.

References

- **Textbook**: Introduction to Algorithms, Third Edition by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest and Clifford Stein is available online from the University of Toronto library.
- See Piazza for additional references, lecture outlines and assignment's handout.

Contacts

- **Instructor:** Fatemeh Panahi
  Email: fpanahi@cs.toronto.edu, email subject should start with CSC263
- **Lecture**: Wed 18:00-20:00 (SF 1101)
  Tutorial: Wed 20:00-21:00 (SF 1101)
  Office Hours: Wed 16:00-18:00 (BA3219) Only by appointment

Course Mark Composition

- **Assignments:** 32%
  Quizzes: 8%
  Midterm Test: 20%, June 28
  Final Exam: 40% TBA in Exam Period
  Participation (Actively engaging in lectures and tutorials and answering questions in Piazza): Extra 2%

  In order to pass the course, you must have a mark of at least 35% on the Final Exam
- Assignment details will be provided in separate handouts. Each Assignment must be completed in groups of two students and is due by 11:59pm on Tuesdays. Late homework submissions are penalized by 2% for every hour of lateness (maximum 20 hours), except for documented unusual circumstance see the policy on special consideration (petitions) below.
  All remarking requests must be received within two weeks.
- For the midterm test, you will be allowed one 8.5" 11" aid sheet, handwritten on one side.
  For the final exam, you will be allowed one 8.5" 11" aid sheet, handwritten on both sides.

Schedule

Week	Date	Event	Weight	Topic	Notes
1	May 17			Complexity Review; ADTs [1-4]	First lecture
2	May 22 - May 26	Group formation		Priority Queues; Heaps [6]	
3	May 29 - Jun 2			Dictionaries; BSTs [12.1 - 12.3]	
4	Jun 5 - Jun 9	Quiz 1 Assignment 1 due	4% 8%	Balanced Trees;Augmenting [14]	
5	Jun 12 - Jun 16			Hashing [11]	
6	Jun 19 - Jun 23	Assignment 2 due	8%	Randomization; Quicksort [5, 7]	
7	Jun 26 - Jun 30	Midterm - Jun 28	20%	Amortization; Dynamic Arrays [17]	
8	Jul 3 - Jul 7			Graphs; Breadth-First Search [22]	
9	Jul 10 - Jul 14			Depth-First Search [22]	Jul 16 drop date
10	Jul 17 - Jul 21	Quiz 2 Assignment 3 due	4% 8%	Minimum Spanning Trees [23]	
11	Jul 31 - Aug 4			Disjoint Sets [21]	
12	Aug 7- Aug 11	Assignment 4 due	8%	Lower Bounds [8.1, 9.1]	Last lecture
	Aug 15 - Aug 18	Final Exam	40%		

Assignment submissions

- All assignment handouts will be posted in Piazza and the solutions must be submitted to Markus. The Markus link will be posted in Piazza and will be announced.

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.

Policy Regarding Plagiarism and Academic Offense

- Students on a team will get the same mark for the assignments unless they both request a different division of marks in writing. All team members are expected to contribute a significant effort to the course project.

  Everything that you submit for marks (assignments, test and exam) must not contain anyone else's work or ideas without proper attribution. In particular, your assignment must be done in isolation of other students, notes or other sources. You must prepare the written solutions only with your teammate. This ensures that your work is truly your own, and that your grade reflects your own understanding of the course material. To make sure that you are writing what you have understood in your own words, don't take any notes from your discussions with students of other groups, and do not show your written answers to other groups before due dates. Copying assignments and allowing other groups to copy your assignment are strictly forbidden. University of Toronto has strict rules against plagiarism.