This sheet summarizes information for the course CSC 263H 5S (“”) during the Spring session of 2010 at the University of Toronto at Mississauga.

Course Website

`http://www.cs.utoronto.ca/~avner/teaching/263/`

The course website will contain the most up-to-date information possible. *You are responsible for all announcements posted on the course web site as well as all announcements made in lectures and tutorials.*

Instructor Information

Instructor	Office	Phone	Email	Office Hours
Avner Magen	SE 4062	905–569–4741	`avner at cs.utoronto.ca`	*Mon 14-15*

Lectures

Time	Room	Instructor
Mon 11-13	SE 3131	Avner Magen

Tutorials

Time	Room	TA’s name
Wednesday 16-17	NE 268	Bryce Zimny

Textbook

Required:

Goodrich and Tamassia, Algorithm Design, Wiley

Recommended:

Cormen, Leiserson, Rivest and Stein Introduction to Algorithms, second edition, McGraw-Hill

(available free to U of T students through the library website)

Outline

The following topics will be covered, not necessarily in the order listed.

- Complexity analysis (sections 1.1, 1.2, 1.3, 1.4, 1.6)
- Balanced search trees (sections 3.1, 3.3)
- Hashing (section 2.5)
- Amortized analysis (section 1.5)
- Heaps and priority queues, disjoint sets [(sections 2.4, 4.2)
- Graphs and graph traversal (section 6.3)

Grading Scheme

Item	Deadline	Weight
Assignment 1	Feb 1	11%
Assignment 2	Feb 12	11%
Assignment 3	Mar 10	11%
Assignment 4	Mar 24	11%

Item	Date	Weight
Mid-Term Test	Feb 24	16%
Final exam	TBA (in the period Apr 8-24)	40%

- The term test will be held during the regularly scheduled tutorial, and will be closed-book.
- To pass this course, you must achieve a mark of at least 40% on the final exam.

"20% Rule"

For the term tests and final exam, you will receive 20% of the marks on each question (or part of a question) where you answer "I don't know" and nothing else. This is a way to encourage you to be aware of (and honest about) your level of understanding, and to discourage random guessing. This rule does not apply to assignments, where you have the time (and the responsibility) to ask questions and learn how to solve each problem.

Assignment Submission

Assignments should be submitted at Tutorial. Assignments are to be completed in groups of no more than **two** individuals. No late assignments will be accepted except for documented unusual circumstances.

Plagiarism

Plagiarism is a form of academic offence and it is treated very seriously. **The work you hand in (assignments and tests) must not contain anyone else's work or ideas without proper attribution.** Note that it is also a serious offence to help someone commit plagiarism. *Do not let others look at your solutions, even in draft form.*
Please do not commit plagiarism, for your own sake. If you are having trouble with the course, please come speak to us, that's why we're here!