

Course Information

CSC 165H1F: Mathematical Expression and Reasoning for Computer Science

Fall 2007

Instructor

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Web Site <http://www.cs.utoronto.ca/~krueger/csc165h/>

The web site is the primary source of information about the course, including assignments, notes, marks and announcements. You are responsible for all announcements posted to the course web site, so please check it regularly.

Discussion group <https://csc.cdf.toronto.edu/bb/YaBB.pl?board=CSC165H1F>

The course discussion group in the Computer Science Community is linked from the course web site. Please use this discussion group for most of your course-related questions. If you have a question on a general subject, most of the class probably has the same question. Use email for personal issues or questions on your specific solutions.

Lectures

Mondays, Wednesdays and Fridays, 12:10pm–1:00pm in room RW 110
(First lecture on **September 10** — last lecture on **December 7**.)

Tutorials

Mondays, 7:10pm–9:00pm (First tutorial on **September 17**)

- in room BA 2165 for students with last names from **A** to **H**,
- in room BA 2159 for students with last names from **I** to **O**,
- in room BA 2175 for students with last names from **P** to **Z**,

Textbooks

There is no required textbook for this course. Course notes will be provided for download on the course website.

Marking Scheme and Schedule

Item	Due	Weight	Item	Date(s)	Weight
Assignment 1	Oct 10	10%	Term Test 1	Oct 17	10%
Assignment 2	Nov 7	10%	Term Test 2	Nov 21	10%
Assignment 3	Dec 5	10%	Quizzes	in tutorial	14%
			Final Exam	Dec 10–21	36%

NOTE: Only your best 7 quizzes will count, equally weighted at 2% each, for a total of 14% towards your final mark.

NOTE 2: To pass the course, students must obtain a minimum mark of 40% on the final exam.

Course Topics

- logic
- proof techniques
- complexity
- floating-point number representations

Course Policies

Homework: Homework assignments will be due by 12:00 noon on the date specified and should be submitted directly into the course drop box in BA 2220. Each student will have one grace day to use during the term, allowing the assignment to be handed into the drop box by 12:00 noon the following day if and only if you indicate usage of your grace day.

Tutorials and Quizzes: During each tutorial a number of exercises will be handed out for you to work on. Near the end of tutorial there will often be a quiz: it will include questions testing your understanding of the past week's material. You will then trade papers and mark another student's quiz. Your quiz grade will be based on both your solution and your marking effort.

Lateness, Absence and Extensions: Late assignments will generally not be accepted (unless you are using your grace day). In the case of a missed test or quiz, a mark of zero will be recorded: no make-up test will be provided. Only in exceptional circumstances will requests for extensions for assignment deadlines or excuses for missed tests be entertained. Any request for special consideration must be presented to the course instructor (not a TA) with all supporting documentation as soon as possible.

Marking: Any dispute over the grading of an assignment or test should be stated *in writing* (using the form on the website) and submitted along with the original copy of your work. Disputes can be taken to the instructor only if the grader's reply is not satisfactory.

Plagiarism (Collaboration in Homework)

The work you submit must be your own and cannot contain anyone else's work or ideas, without proper attribution. Plagiarism is a form of academic fraud and is treated very seriously. You may discuss general approaches to assignments with others, but you should not leave such discussions with any written material provided by or copied from another person. In particular, the actual writeup of your assignment must be done in isolation from others. This ensures that your solution is truly your own, that you understand the course material, and that your grade reflects your own understanding.

Note that it is a serious offense to help someone commit plagiarism. *Do not let others look at your solutions, even in draft form.* If you are unsure whether an activity may constitute plagiarism or undue collaboration, consult the instructor immediately. If you are having trouble with the course, come speak to us, that's why we're here!

Important Dates

Deadline to add F section courses:	September 23, 2007
Deadline to drop F section courses:	November 4, 2007
Classes end in F section courses:	December 7, 2007
Final Examinations:	December 10–21, 2007