CSC 238H: DISCRETE MATHEMATICS FOR COMPUTER SCIENCE
Department of Computer Science, University of Toronto
Summer 1998

Instructor:	Eric Ruppert (office: SF 4008G, telephone: 978-8725, email: ruppert@cs.utoronto.ca)
Lectures:	Wednesdays 7:10 – 9:00 p.m.
Tutorial:	Wednesdays 6:10 – 7:00 p.m.
Office Hours:	SF 2304A, Mondays 5:30 – 7:00 p.m.
Course Web page:	http://www.cs.utoronto.ca/~ruppert/238H-98/
Newsgroup:	ut.cdf.csc238h

Textbook

A custom published collection of readings (notes and chapters from various textbooks) is available for purchase in the University of Toronto bookstore.

References

Alfred V. Aho and Jeffery D. Ullman, *Foundations of Computer Science*
Thomas H. Cormen, Charles E. Leiserson and Ronald L. Rivest, *Introduction to Algorithms*
Daniel Solow, *How To Read and Do Proofs*
Daniel J. Velleman, *How To Prove It: A Structured Approach*

Grading

3 Homework Assignments (weighted equally)	40 %
Best 5 Quizzes (1 % each)	5 %
Midterm Test	15 %
Final Examination	40 %

- To pass this course you must get a grade of at least 35% on your final exam.
- The quizzes will be held at the beginning of tutorial, from 6:10 p.m. to 6:20 p.m., on the dates indicated on the back. You will receive credit for a quiz only if it is perfect. There will be eight quizzes. Only the best five of your quizzes will count towards your final grade.
- If you miss the midterm test or an assignment due date for reasons beyond your control, please submit a written request for special consideration, along with appropriate documentation within one week.

Homework Assignments

Homework assignments are due at the beginning of tutorial on the dates indicated on the reverse. Late assignments can be handed into the CSC238 drop box in the Sandford Fleming Building at the entrance to the bridge to the D. L. Pratt building. Assignments handed in by 5:00 p.m. on Thursday will have 30% of the total obtainable marks deducted. Assignments handed in by 5:00 p.m. on Friday will have 60% deducted. Late assignments will not be accepted after 5:00 p.m. on Friday. We reserve the right to disallow late submissions for a particular assignment, when announced in advance in class.

The assignments you hand in should be polished pieces of work. You should spend some time to ensure that your answers are clear, grammatical and legible. A portion of the marks for the assignments may be be devoted to the quality of the presentation.

It is legitimate to discuss homework problems with fellow students or consult other texts. However, you must destroy any notes concerning homework problems taken during this time and you must not write anything down for at least two hours afterwards. Assignments must be written up completely by yourself using only the course readings and your own notes as aids. The point is that your written report should be your own work. Furthermore, do not lend your assignment or let others copy it. These rules are meant to ensure that all students understand their solutions to the problems well enough to write up solutions by themselves. *Failure to comply with these guidelines is a serious academic offence.*

Each homework assignment must have a cover page containing the following information:

- your name and student number
- a list of all students with whom you have discussed any homework problems (even briefly) and which problems you discussed with each student; if you have discussed the homework with no one except the instructor or tutors, write "NO OUTSIDE DISCUSSION"
- a list of all texts that you have consulted; if you have consulted no text except the course notes, write "NO EXTRA TEXT CONSULTED"
- the signed statement "I HAVE READ AND UNDERSTOOD THE POLICY CONCERNING COLLABORATION ON HOMEWORK ASSIGNMENTS".

Without this, your assignment will not be marked.

Tutorials

Standard 1 (Erindale, New, PHE)	Geneviève Arboit	GB 244(?)
Standard 2 (Trinity, Innis, Scarborough)	Alex Budanitsky	GB 119
Standard 3 (Victoria, St Michael's, Engineering)	Steve Myers	GB 120
Standard 4 (Woodsworth, University)	Eugenia Ternovskaia	SF 3109
Remedial	Joe Rainsberger	SF 1101

Standard tutorials will present additional examples of material presented in the lectures and discuss exercise, homework, quiz, and midterm questions. Remedial tutorials will review, at a slower pace, some material previously covered in the lectures. Students may choose to attend remedial tutorials instead of their assigned tutorial whenever they wish. In all tutorials, there will be opportunities for asking questions. Come prepared with questions!

Students often learn a lot from working with one another and you are encouraged to meet with other students from class for this purpose. For example, you might work through exercises in the text together or discuss any material you found confusing in lecture or in the textbook.

Schedule

Wednesday	May 13	Assignment 1 handed out
Wednesday	May 20	Quiz 1
Wednesday	May 27	Quiz 2
Wednesday	June 3	Quiz 3
Wednesday	June 10	Assignment 1 due; Assignment 2 handed out
Wednesday	June 17	Quiz 4
Wednesday	June 24	Midterm test
Wednesday	July 1	Dominion Day: no class
Wednesday	July 8	Quiz 5; Assignment 2 due; Assignment 3 handed out
Wednesday	July 15	Quiz 6
Friday	July 17	Last day to drop without academic penalty
Wednesday	July 22	Quiz 7
Wednesday	July 29	Quiz 8
Wednesday	August 5	Assignment 3 due