CSC238S - Discrete Mathematics for Computer Science **Spring 1997**

Brief Course Description

A rigorous treatment of certain aspects of discrete mathematics with applications to Computer Science. Emphasis on the basic properties of the integers (induction), on logic (the syntax and semantics of propositional and predicate calculus) and on finite automata theory. Application to topics such as program specification and correctness, analysis of algorithms, string matching.

Course Organization

Instructor: Allan Borodin, SF 2303B, 978-6416, bor@cs

Office hours: To be announced

Lectures: M 7-9 in SF 1101

Tutorials: M 6

Laura Sedgwick	SF 1101
Stuart Andrews	GB 304
Tanya Ruppell	GB 305
Theo Garefalakis	GB 415
Brain Sallans	MS 3171

Textbook: CSC238F Readings (Custom Publishing Service) composed from the following texts. Gersting; Linz; Rosen.

Marking Scheme:

4 Assignments at 10% each	40%
2 Term Tests at 15% each	30%
Final Exam	30%
	100%

To pass the course, you must receive at least 40/100 on either the final exam or the term tests.

Schedule:

Assignment	Due Dates
1	January 27
2	February 24
3	March 17
4	March 7

Midterm tests - February 10, March 17

Last date to drop - March 7

Last lecture - April 13

Assignments are due at the *beginning* of tutorial. Except in special circumstances, with a written excuse, late assignments will receive a mark of zero. All late assignments must be handed in to the lecturer, not the tutor. Each assignment must be clearly labelled with your name, student number and name of your tutor.

Plagiarism:

The work you submit must be your own. 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 a discussion 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. It is *not* difficult for the graders to detect undue collaboration and every year several students discover this the hard way. Note that it is a serious offence to help someone commit plagiarism. **Do not lend your assignment or let others copy it.**