

**Stats 1L03 Probability and Linear Algebra Information Sheet**  
**Term 1 Fall 2008–2009**

**Instructor:**

Dr. Salih Azgin, HH 409, sazgin@math.mcmaster.ca  
Office Hours: Thursday 10:00–11:30, Friday 10:30–12:00

**Website:** <http://www.math.mcmaster.ca/~sazgin/S1L03/S1L03.html>

**Text:** *Finite Mathematics and Its Applications, 9th edition* by Goldstein, Schneider, Siegel, Prentice Hall.

**Course outline:** Sets and counting, permutations, combinations, probability, random variables, mean, variance, standard deviation, normal distributions, game theory.

**Lectures, Tutorials, Office Hours:** There will be one lecture per week, Tuesday 19:00–22:00pm at TSH120. There are no tutorials but there is a TA available for the course, Zhiyang Tang. He will be holding office hours (in addition to the instructor’s office hours) in the “Math Help Center” located in Hamilton Hall 104, on Wednesdays 1:00-3:00. The TA will also be available on Tuesdays 6:00-7:00 in TSH120. There will be additional office hours the week before midterms, these will be announced in class and on the course web page.

**Assessment:** Your grade will be based on three in-class midterms and the final exam. The distribution is as follows, although the instructor reserves the right to change the weight of any portion of this marking scheme.

Midterm I — 20%

Midterm II — 20%

Midterm III — 20%

Final — 40%

The tentative dates for the exams are:

Midterm I: Tuesday, 30 September, in class

Midterm II: Tuesday, 28 October, in class

Midterm III: Tuesday, 18 November, in class

*Homework:* There will be weekly homework assignments from the book, which will not be graded. The homework is intended to be a studying guide for the students. Theoretical knowledge must be put to work by solving these questions. This need not be an isolating

activity You are encouraged to discuss these problems with your friends and ask questions about them during the office hours. I cannot stress too strongly that to learn mathematics you must DO it. Following someone's solution is not the same thing as you solving the question. The exams will involve solving problems similar to the assigned homework problems

**Important reminders:**

Only excuses validated by the Dean's office will be accepted for missing any examinations. You must bring your student ID to the midterms and the final exam.

Only the McMaster standard calculator, the Casio fx 991, may be used during tests and the final exam.

**Final Policy Notes:**

(i) It seems unfortunate but necessary to reproduce the words of the dean on cheating: *Academic dishonesty consists of misrepresentation by deception or by other fraudulent means and can result in serious consequences, e.g. the grade of zero on an assignment, loss of credit with a notation on the transcript (notation reads: "Grade of F assigned for academic dishonesty"), and/or suspension or expulsion from the university.*

*It is your responsibility to understand what constitutes academic dishonesty. For information on the various kinds of academic dishonesty please refer to the Academic Integrity Policy, specifically Appendix 3, located at*

*<http://www.mcmaster.ca/senate/academic/ac-integrity.htm>*

*The following illustrates only three forms of academic dishonesty:*

*Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.*

*Improper collaboration in group work.*

*Copying or using unauthorized aids tests and examinations.*

(ii) The instructor reserves the right to change or revise information contained in this course outline.