

McMaster University
Department of Mathematics and Statistics
Stats 1L03E - Probability and Linear Algebra, Summer 1996

Instructor: Aaron Childs
Office: Burke Science B131C
Phone: 525-9140 Ext. 23409
E-mail: childsa@icarus.mcmaster.ca
Office Hours:

COURSE INFORMATION

Lectures: Tuesday and Thursday 6:30-9:30 p.m. in Burke Science B139

Topics Covered: Counting principles, the algebra of sets, properties of probability, conditional probability and independence, Bayes formula and the law of total probability, random variables, mean, variance, matrices, determinants, Cramer's rule and solution of linear systems of equations.

Textbook: *Linear Algebra and Probability for Business and Social Science*, Third Edition, by I.Z. Chorneyko.

Calculators: A calculator that can do factorials will be needed, and can be used on the tests and exam.

Assignments: There will be six assignments, due at 6:30 p.m. on the following dates:

Assignment #1: Tuesday May 7
Assignment #2: Tuesday May 14
Assignment #3: Tuesday May 21
Assignment #4: Tuesday May 28
Assignment #5: Tuesday June 4
Assignment #6: Not to be handed in

Tests and Final Exam: The tests and exam will be on the following dates:

Test #1: Thursday May 16 6:30-7:30 p.m. in BSB/B154
Test #2: Thursday May 30
Final Exam: Thursday June 13

Course Evaluation: Assignments: 15%
Test 1: 20%
Test 2: 20%
Final Exam: 45%

Academic Honesty: Attention is drawn to *Statement on Academic Ethics* and the *Senate Resolutions on Academic Dishonesty* as found in the *Senate Policy Statements* distributed at registration and available in the Senate Office. Any student who infringes one of these resolutions will be treated according to the published policy.