

**McMaster University**  
**Department of Mathematics and Statistics**  
**Stats 1103E - Probability and Linear Algebra, Summer 1996**

**Instructor:** Aaron Childs  
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**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.