

McMaster University
Department of Mathematics and Statistics
Stats 2D03E - Probability Theory, Summer 1996

Instructor: Aaron Childs
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Office Hours: Mondays and Wednesdays 3:30-4:30

COURSE INFORMATION

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

Topics Covered: Counting principles, axioms of probability, conditional probability and independence, Bayes formula and the law of total probability, random variables, expectation, variance, covariance, moment generating functions,

Textbook: *A First Course in Probability*, Fourth Edition, by Sheldon Ross.

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 on the following dates:

Assignment #1: Tuesday June 25
Assignment #2: Tuesday July 2
Assignment #3: Tuesday July 9
Assignment #4: Tuesday July 16
Assignment #5: Tuesday July 23
Assignment #6: Not to be handed in

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

Test #1: Thursday July 4, 6:30-7:30 p.m. in BSB/B154
Test #2: Thursday July 18 6:30-7:30 p.m. in BSB/B154
Final Exam: Thursday August 1 6:30-9:00 p.m. in BSB/B154

Course Evaluation:

Assignments: 20%
Test 1: 20%
Test 2: 20%
Final Exam: 40%

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.