Dr. Childs and Dr. Park

Stats 1L03 Course Outline (2000/2001)

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Course Home Page:

http://icarus.math.mcmaster.ca/childsa/1l03.html

Course Information

Instructors

Dr. Aaron Childs (office BSB-113)
 Office Hours: Monday, Thursday, and Friday 9:30-10:20, Tuesday 1:30-2:20 and Wednesday 2:30-3:20
 Extension: 23426
 email: childsa@mcmaster.ca
 Web Site: http://icarus.math.mcmaster.ca/childsa/childs.html

Dr. Doug Park (office BSB/222)

Office Hours: Tuesday 6:00pm-8:00pm
Extension: 27079
email: parkd@math.mcmaster.ca

Lectures

- Day Section (Dr. Childs): KTH/B135 on Monday, Wednesday and Thursday 1:30-2:20
- Evening Section (Dr. Park): BSB/318 on Mondays 7:00-10:00.

Tutorials

Day Section:
- Tutorial 1 - Friday 2:30-3:20 in ABB/270
- Tutorial 2 - Thursday 8:30-9:20 in BSB/318
- Tutorial 3 - Thursday 3:30-4:20 in ABB/270
- Tutorial 4 - Monday 2:30-3:20 in ABB/270

Evening Section:
- Monday 6:00-7:00 in BSB/318

Textbook

(Required) "Finite Mathematics" Fourth Edition, by Maki and Thompson, McGraw-Hill, 1996.
(Required) Stats 1L03 Custom Courseware
(Optional) Student Solutions Manual for Finite Mathematics, Fourth Edition

Material to be Covered

- Sets, Partitions, and Tree Diagrams (Chapter 1).
- Probabilities, Counting, and Equally Likely Outcomes (Chapter 2).
- Probability (Chapter 3).
- Random Variables, Averages, and Statistics (Chapter 4).
- Negative Binomial, Hypergeometric, and Poisson Distributions (Custom Courseware).
- Systems of Linear Equations (Chapter 5).
- Matrix Algebra and Applications (Chapter 6).
- Determinants and Cramer's Rule (Custom Courseware).

Homework Assignments

- There will be six assignments
- Late assignments will **NEVER** be accepted
- Make sure to write your name (clearly!), your student number and your tutorial number on each assignment.
- Assignments for the DAY class are handed in to the lockers in the basement of Burke Science, next to B158.
- Assignments handed in to a locker for a different course will receive a grade of ZERO
- Assignments for the EVENING class are handed in to the instructor at the start of class on the due date.
- For due dates and times refer to the calendar or the assignment page.

Library

Copies of solutions to assignments and tests will be available at the reserve desk in Thode Library. Custom courseware will NOT be available on reserve.

Tests

- There will be two one-hour tests.
- Details (e.g., material the test will cover, exam locations, etc.) will be given in class.
- McMaster standard calculator Casio fx-991 is allowed.
- For test dates and times, refer to the calendar.
- It is essential that you bring your McMaster ID card to both tests.
- All necessary tables will be provided with the test paper.

Final Examination

- As scheduled by the Registrar.
- Details (e.g., material the final exam will cover, final examination locations, etc.) will be given in class.
- McMaster standard calculator Casio fx-991 is allowed.
- It is essential that you bring your McMaster ID card to the final exam.

Course Evaluation

Homework	10%
Test #1	20%
Test #2	20%
Final Exam	50%

Note: If assignments or tests are missed because of a family matter or illness you should contact your Associate Dean WITHIN ONE WEEK of the missed work with the appropriate documentation. If the instructor is informed officially by the Associate Dean, then an exemption will be given for the missed work. Marks for missed assignments will be distributed among the remaining assignments, and marks for a missed test will be added to your final exam

In case of Difficulty/Problems

- Contact your instructor as soon as possible. Failing that, contact your associate dean.
- If you have concerns about preparing for tests and examinations, improving your study habits, giving class presentations, or mastering English as a second language, the Centre for Student Development can help.

Senate Policy Statements

- Your attention is drawn to the following documents:
  Statement on Academic Ethics
  Senate Resolutions on Academic Dishonesty
- Any student who infringes one of these resolutions will be treated according to the published policy.

Calendar

Wednesday January 3: Classes Start.

BLOCK 1: January 3-15
Sections: 1.1, 1.2, 1.3, 1.4, 2.1, 2.2
Assignment #1 - Due Date: 7:00 PM on Monday January 22

BLOCK 2: January 17 - 29
Sections: 2.3, 2.4, 3.1, 3.2, 3.3
Assignment #2 - Due Date: 7:00 PM on Monday February 5

MIDTERM #1: Monday, February 12, 7:00-8:15 PM in CNH/104.

BLOCK 3: January 31 - February 12
Sections: 3.4,3.5,4.1,4.2
Assignment #3 - Due Date: 7:00 PM on Monday February 26

BLOCK 4: February 14 - March 5
Sections: 4.3, Sections 1-3 in the Custom Courseware.
Assignment #4 - Due Date: 7:00 PM on Monday March 12

Midterm #2: Monday March 19, 7:00-8:15 PM (Rooms to be announced).

BLOCK 5: March 7-19
Sections: 5.2, 5.3, 6.1
Assignment #5 - Due Date: 7:00 PM on Monday March 26

BLOCK 6: March 21 - April 2
Sections: 6.2, Sections 1,2 on Determinants from the Custom Courseware
Assignment #6 - Due Date: 7:00 PM on Monday April 9

Final Exam: To be Announced