McMaster University

Department of Mathematics and Statistics

Stats 2D03 – Introduction to Probability

Summer Term 2016

Instructor Information:

Name: Chengwei Qin
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Course Information:

Lectures: Tuesday and Thursday 19:00-22:00
Location: HH/217
Office Hours: Tuesday and Thursday 18:00-19:00
Course Webpage: http://ms.mcmaster.ca/~qinc4/Stats%202D03%202016.html

Required Textbook:

A First Course in Probability, 9th Edition, authored by Sheldon Ross, published by Pearson.

Content:

The course is expected to cover material selected from Chapter 1 to Chapter 8 from the textbook. Topics include combinatorics, independence, conditioning; Poisson-process; discrete and continuous distributions with statistical applications; expectation, transformations moment-generating functions joint, marginal and conditional distributions; covariance and correlation; central limit theorem.

Marking Scheme:

Quizzes: 10% (2% each)
Assignments: 10% (5% each)
Midterms: 40% (20% each)
Final: 40%

Tentative Test Date:
Midterm #1: July 12th;
Midterm #2: July 26th;
Final: Aug 4th.
(Location to be announced at least one week prior on the course website)

Exam Policies:

You are not allowed to use any electronic devices, books or notes, with the exception of the McMaster standard calculator, the Casio fx-991.

Important Message:

The instructor and university reserve the right to modify elements of the course during the term. The university may change the dates and deadlines for any or all courses in extreme circumstances. If either type of modification becomes necessary, reasonable notice and communication with the students will be given with explanation and the opportunity to comment on changes. It is the responsibility of the student to check their McMaster email and course websites weekly during the term and to note any changes.

Academic ethics:

All work submitted must be your own. At the same time, you are encouraged to discuss problems and general ideas with each other. Mathematics need not be an isolating activity. What you may not do is to copy someone else's work.

Final Policy Notes:

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 located at
http://www.mcmaster.ca/policy/Students-AcademicStudies/AcademicIntegrity.pdf

The following illustrates only three forms of academic dishonesty:

1) Plagiarism, e.g. the submission of work that is not one's own or for which other credit has been obtained.
2) Improper collaboration in group work.
3) Copying or using unauthorized aids tests and examinations.

Requests for Relief for Missed Academic Term Work:

If you are absent from the university for a minor medical reason or non-medical (personal) situations lasting fewer than 3 days, you may report your absence, once per term, without documentation, using the McMaster Student Absence Form. Absences for a longer duration or for other reasons must be reported to your Faculty/Program office, with documentation, and relief from term work may not necessarily be granted.
Please note that the MSAF may not be used for term work worth 25% or more, nor can it be used for the final examination.
The MSAF can be found at: https://pinjap01.mcmaster.ca/msaf/
And further information regarding MSAF policies can be found at:
http://academiccalendars.romcmaster.ca/content.php?catoid=7&navoid=559#Requests_for_Relief_for_Missed_Academic_Term_Work
When using the MSAF for this course, please report your absence to the instructor immediately (normally within two days) by email, telephone or in person at ginc4@math.mcmaster.ca, ext. 27357.
In the event of such an absence, no make-up test will be given, but your course grade will be re-weighted by increasing the weight of the final examination to compensate for the missed test.

Student Accessibility Services:

Students who require academic accommodation must contact Student Accessibility Services (SAS) to make arrangements with a Program Coordinator. Academic accommodations must be arranged for each term of study. Student Accessibility Services can be contacted by phone 905-525-9140, ext. 28652 or e-mail sas@mcmaster.ca. For further information, consult McMaster University's Policy for Academic Accommodation of Students with Disabilities.