

STAT 349
Probability II
Fall 2020

Instructor*: _____

Email: _____

Office Hours: _____

*Students should get the above information from their instructor during class time. The instructor is the person to contact should there be any questions about the course.

Note: **All lectures and office hours will be held online. The mid-term and final examination will also be held online.**

Office Hours: TBA. Online via Zoom link (refer to course Moodle page).

Textbook: *Introduction to Probability Models*, 11th Edition, by Sheldon M. Ross.

The digital and print versions of the textbook will be available at:

<https://www.bkstr.com/concordiastore/home>

Note: Students should order textbooks as early as possible, especially for print versions in case books are backordered or there are any shipping delays.

Homework: There will be about five assignments.

Term Exam: There will be one term exam. **NO MAKE UP TERM EXAM.**

Grading: The final grade will be based on the higher of (a) or (b):

- a) Homework (10%), term exam (20%) and the final exam (70%).
- b) Final exam (100%).

If the grading scheme for this course includes graded assignments, a reasonable and representative subset of each assignment may be graded. Students will not be told in advance which subset of the assigned problems will be marked and should therefore attempt all assigned problems.

Calculators: Only calculators approved by the Department such as **Sharp EL 531** or the **Casio FX 300MS**, are permitted for the class test and final examination. See <http://www.concordia.ca/artsci/math-stats/services.html#calculator>

Topics Covered: This course will cover most of the materials in the first six chapters as follows:

| Week | Topics to be covered |
|------|-----------------------------|
| 1 | Section: 1.1-1.5, 2.1-2.6 |
| 2 | Section: 3.1, 3.2, 3.3, 3.4 |
| 3 | Section: 3.5, 3.6 |
| 4 | Section: 4.1, 4.2, 4.3 |
| 5 | Section: 4.3, 4.4 |
| 6 | Review and Midterm |
| 7 | Section: 4.5, 4.6 |
| 8 | Section: 5.1, 5.2 |
| 9 | Section: 5.2, 5.3 |
| 10 | Section: 5.3, 5.4 |
| 11 | Section: 6.1, 6.2, 6.3 |
| 12 | Section: 6.4, 6.5 |
| 13 | Section 6.5, Review |

Academic Integrity and the Academic Code of Conduct

This course is governed by Concordia University's policies on Academic Integrity and the Academic Code of Conduct as set forth in the Undergraduate Calendar and the Graduate Calendar. Students are expected to familiarize themselves with these policies and conduct themselves accordingly. "Concordia University has several resources available to students to better understand and uphold academic integrity. Concordia's website on academic integrity can be found at the following address, which also includes links to each Faculty and the School of Graduate Studies: concordia.ca/students/academic-integrity." [Undergraduate Calendar, Sec 17.10.2]

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Disclaimer: In the event of extraordinary circumstances beyond the University's control, the content and/or evaluation scheme in the course is subject to change.