

**Department of Mathematics & Statistics**  
Concordia University

**STAT 349**  
Probability II  
*Fall 2019*

Instructor\*: \_\_\_\_\_

Office/Tel No: \_\_\_\_\_

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.

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

**Homework:** There will be about five assignments.

**Term Exam:** There will be one term exam (1hr 15min). **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 (with a sticker attached as a proof of approval), such as **Sharp EL 531** or the **Casio FX 300MS**, available at the Concordia Bookstore, are permitted for the class test and final examination. See <https://www.concordia.ca/content/dam/artsci/math-stats/docs/AppCalculatorList.pdf> for a list of Approved and Not-Approved calculators.

**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](http://concordia.ca/students/academic-integrity)." [*Undergraduate Calendar, Sec 17.10.2*]