

STAT 349, Sec. A
Probability II
Fall 2021

This section of the course will be in-person, but assignments, midterm and final will be online via Moodle.

- Instructor:** Dr. A. Sen, Office: LB 921.23 (SGW), Phone: 848-2424, Ext. 3230
Email: arusharka.sen@concordia.ca
- Office Hours:** Wednesdays, 15:00-17:00, Fridays, 12:00–14:00, subject to change; questions by email anytime; **please send email from your email account, not from Moodle.**
- Lectures:** Lectures will be in-person at LS-208 (SGW). Attempt will be made to record them via lecture-capture and upload them to the Moodle site for this course. However, when recording is not possible students will have to take notes from chalkboard. All available lecture notes will be posted on Moodle.
- Textbook:** *Introduction to Probability Models*, 12th Edition, by Sheldon M. Ross. The e-textbook link is available on the Moodle site.
- Assignments:** There will be about **five** assignments. Assignments and their due dates will be provided via Moodle; students are required to submit each assignments as a single pdf file on Moodle. **Late assignments will not be accepted.**
- Term Exam:** There will be one term exam. Mid-term test via Moodle will be given during lecture time in the **6th week** (to be specified by the professor). The exam will be a closed book (provided aids only), **unproctored** exam.
- NOTE:** It is the Department policy that tests missed for any reason, **including illness**, cannot be made up. If you miss the midterm test **because of illness** (*medical note required*) the final exam can count for 90% of your final grade with 10% for homework.
- Final Exam:** Timed final exam via Moodle will be given during the period assigned by Concordia's Exams Office. The exam will be a closed book (provided aids only), **unproctored** exam. (see Moodle page for Concordia Online Exam rules).

NOTE: Students are responsible for finding out the date and time of the final exams once the schedule is posted by the Examinations Office. Conflicts or problems with the scheduling of the final exam must be reported directly to **the Examinations Office, not to your instructor**. It is the Department's policy and the Examinations Office's policy that **students are to be available until the end of the final exam period**. Conflicts due to travel plans will not be accommodated.

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.

Expectations:

In order to obtain a good grade, the student **MUST** show that they have a **THOROUGH** understanding of the subject and can **FULLY EXPLAIN** their reasoning process in the context of problem solutions.

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. For a list of Approved and Not-Approved calculators 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]

Behaviour

All individuals participating in courses are expected to be professional and constructive throughout the course, including in their communications.

Concordia students are subject to the [Code of Rights and Responsibilities](#) which applies both when students are physically and virtually engaged in any University activity, including classes, seminars, meetings, etc. Students engaged in University activities must respect this Code when engaging with any members of the Concordia community, including faculty, staff, and students, whether such interactions are verbal or in writing, face to face or online/virtual. Failing to comply with the Code may result in charges and sanctions, as outlined in the Code.

Use of Zoom

Note: Zoom is included as an institutionally-approved technology. This means we have been assured of the privacy protections needed to use freely within the classroom)

Zoom will be used in this course to facilitate learning at a distance. It may be used to record some or all of the lectures and/or other activities in this course. If you wish to ensure that your image is not recorded, speak to your instructor as soon as possible.

Also, please note that you may not share recordings of your classes and that the instructor will only share class recordings for the purpose of course delivery and development. Any other sharing may be in violation of the law and applicable University policies, and may be subject to penalties.

Intellectual Property

Content belonging to instructors shared in online courses, including, but not limited to, online lectures, course notes, and video recordings of classes remain the intellectual property of the faculty member. It may not be distributed, published or broadcast, in whole or in part, without the express permission of the faculty member. Students are also forbidden to use their own means of recording any elements of an online class or lecture without express permission of the instructor. Any unauthorized sharing of course content may constitute a breach of the [Academic Code of Conduct](#) and/or the [Code of Rights and Responsibilities](#). As specified in the [Policy on Intellectual Property](#), the University does not claim any ownership of or interest in any student IP. All university members retain copyright over their work.

Extraordinary circumstances

In the event of extraordinary circumstances and pursuant to the [Academic Regulations](#) the University may modify the delivery, content, structure, forum, location and/or evaluation scheme. In the event of such extraordinary circumstances, students will be informed of the change.