

**STAT 250**  
Statistics  
*Fall 2020*

- Note:** All lectures and office hours will be held online. The mid-term and final examination will also be held online.
- Instructor:** Dr. W. Sun  
Email: [wei.sun@concordia.ca](mailto:wei.sun@concordia.ca)
- Office Hours:** TBA. Online via Zoom link (refer to course Moodle page).
- Textbook:** *Mathematical Statistics with Applications*, 7th Edition, by Wackerley, D., Mendenhall, W. and Scheaffer, R., Duxbury Press (2008).  
The digital version of the textbook will be available at:  
<https://www.co-opbookstore.ca/service/textbooks/>  
The print version 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.
- 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>
- Term Exam:** There will be one mid-term exam. The schedule of the exam will be announced later.
- Final Grade:** The final grade will be based on the higher of (a) or (b):  
(a) The weighted average of assignments (10%), one mid-term test (30%) and the final examination (60%).  
(b) The weighted average of assignments (10%) and the final examination (90%).
- 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.
- Notes:**
- (1) Term exam missed for any reason cannot be made up.
  - (2) Late assignments will not be accepted.
  - (3) The final examination will cover everything taught in the course.

Week	Topics to be covered
1	Section: 5.6, 5.7, 5.8, 5.11
2	Section: 6.3, 6.4
3	Section: 6.5, 6.6
4	Section: 6.6 (contd.), 6.7
5	Section: 7.2, 7.3
6	Section: 7.3 (contd.), 7.5
7	Section: 8.2, 8.5, 8.6
8	Section: 8.7, 8.8, 8.9
9	Section: 9.2, 9.3, 9.4
10	Section: 9.5, 9.6, 9.7
11	Section: 10.2, 10.8
12	Section: 10.9, 11.2
13	Section: 11.3, <b>Review</b>

#### 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*]

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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.