

**STAT 250**  
Statistics  
*Fall 2018*

**Instructor:** Dr. W. Sun, Office: LB 921-17 (SGW), Phone: (514)848-2424, Ext. 5218  
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**Office Hours:** TBA.

**Text:** *Mathematical Statistics with Applications*, 7th Edition, by Wackerley, D., Mendenhall, W. and Scheaffer, R., Duxbury Press (2008).

**Calculators:** Only calculators approved by the Department (with a sticker attached as proof of approval) are permitted in the class test and final examination. The preferred calculators are the **Sharp EL 531** and the **Casio FX 300MS**, available at the Concordia Bookstore.

**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*]