

STAT 250
Statistics
Fall 2014

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Office Hours: Tuesdays, 15:30-17:30.

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 during the seventh week of the class. **There will be NO MAKE UP TERM EXAM.**

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%), one mid-term test (10%) and the final examination (80%).

IMPORTANT: (a) **PLEASE NOTE THAT THERE IS NO "100% FINAL EXAM" OPTION IN THIS COURSE.**
(b) Term exam missed for any reason, *including illness*, cannot be made up. If you miss midterm test because of illness (*to be confirmed by a valid medical note*), the final exam can count for 90% of your final grade.

Notes:

- (1) Late assignments will not be accepted.
- (2) In order to obtain a good grade, the student **MUST** show that she/he has a **THOROUGH** understanding of the subject and is good at problem solving.
- (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, Review