

STAT 249
Probability I
Winter 2015

- Instructor:** Dr. E. Duma, Office: LB 901-16 (SGW), Tele: 848-2424, Ext. 3064
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- Office Hours:** To be announced.
- Text:** *Mathematical Statistics with Applications*, 7th Edition, by D. D. Wackerley, W. Mendenhall III and R. L. Scheaffer, Duxbury Press, 2007.
- 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 exam (60%).
 - (b) The weighted average of assignments (10%), **one** mid-term test (10%), and the final exam (80%).
- Important:**
- (a) Please note that there is **no "100%" final exam** option in this course.
 - (b) Midterm test 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) 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.
 - (2) There will be no make-up tests. The final exam will cover everything taught from beginning to end.
 - (3) Only **ONE MIDTERM** test will be held during the **7th or 8th week**.
- 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.

Week	Topics to be covered
1	Section: 2.3, 2.4, 2.5
2	Section: 2.6, 2.7, 2.8
3	Section: 2.9, 2.10, 2.11
4	Section: 3.1, 3.2, 3.3
5	Section: 3.4 (Thm 3.7 without proof) Section: 3.5 (Thm 3.8 without proof),
6	Section 3.6, 3.7
7	Section: 3.8, 3.9
8	Section: 4.2, 4.3, 4.4
9	Section: 4.5, 4.6
10	Section: 4.7, 4.9
11	Section: 5.2, 5.3
12	Section: 5.4, 5.5
13	Section: Review