

Math **110**–002 (Introduction to Probability and Statistics)

Fall 2017

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Office hours: T-R 6:00pm–7:15pm and by appointment.

Text: Goldstein, Schneider, and Siegel, *Finite Mathematics & its Applications (Twelveth edition)*.

Topics: The course will cover portions of Chapters 5-7 in the text. Exact sections covered are indicated in the Practice Exercises.

Exams:

- Test 1 - Monday, October 2
- Test 2 – Monday, November 6
- Test 3 – Monday, December 4

Final Exam: Monday, December 18 10:30am-1:15pm

Grading: Your grade for the course will be calculated based on three exams, homeworks, and a final exam. Each test is worth 100 points, homeworks will total 100 points, and the final exam 200 points. The sum of these grades divided by 6 will determine your grade according to the scale:

A–: 90-92, A: 93-95, A+: 96-100;
B- : 80-82, B: 83-85, B+:86-89 ;
C : 70 - 75, C+:76-79; D : 60 - 69; F : 0 - 59.

NO make-up tests will be given **under any circumstances whatsoever**.

Calculators: You are welcome to use calculators for class work, homework, and exams. Our textbook includes notes on the use of TI-83/84. You are not required to get this particular calculator but if you have one, feel free to use it.

Getting Help: The Math Tutoring Center in JC 344; Help is available on a walk-in basis.

Honor Code: Sharing information of any kind about exams is an Honor Code violation. Any violations will be referred to the Office of Academic Integrity.

Disability statement: If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services at 703-993-2474. All academic accommodations must be arranged through that office.

Practice Exercises

Section Exercises

5.1 1–13 odd, 21, 25, 27–41 odd, 45 odd

5.2 1–13 odd, 15, 19, 23, 27, 31, 35, 37, 39, 43–49 odd, 57, 55, 59

5.3 1–15 odd, 19–37 odd, 41–49 odd, 53–59 odd

5.4 1–19 odd, 23, 25, 27, 31, 35, 39, 43, 47, 51, 55

5.5 1–33 odd, 37, 41, 45, 47, 49, 53, 57, 61, 65, 69

5.6 1–33 odd, 37, 41

5.7 1–13 odd, 17, 19, 23, 27, 29, 33, 37, 41, 47

5.8 1, 5, 9, 11, 15, 17, 19, 21

6.2 1–11 odd, 15, 17, 21, 23 6.3 1–11 odd, 15, 17, 19, 23, 27, 31, 37

6.4 1–15 odd, 19, 21, 23, 27, 31, 33, 35, 39, 43, 51, 53, 57

6.5 1–23 odd, 31, 35, 39, 41, 43, 47, 55, 59

6.6 1, 3, 5, 11, 13, 15, 21, 23, 27, 31, 33, 35, 39, 41

6.7 1, 3, 5, 9, 11, 13, 17, 19

7.1 1–13 odd, 17–23 odd, 27

7.2 1–7 odd, 11–29 odd

7.3 1–15 odd, 19, 21, 25, 29, 33

7.4 1–17 odd

7.5 1–15 odd, 19

7.6 1–33 odd, 37, 39

7.7 1, 3, 7, 9, 11, 13, 15

