

Stat 252.01 Winter 2005
Assignment #1

This assignment is due at the beginning of class on Monday, January 17, 2005. You must submit all problems that are marked with an asterisk (*). You are encouraged to form study groups and collaborate with others on this assignment. However, the final work you submit must be your own. A piece of advice: *the assignments are worth very little in the computation of your final grade. It is better to suffer through not understanding something now, rather than copying from a friend just for the sake of completion. You will not have that luxury on the exams.* YOUR ASSIGNMENT MUST BE STAPLED AND PROBLEM NUMBERS CLEARLY LABELLED. UNSTAPLED ASSIGNMENTS WILL NOT BE ACCEPTED! DO NOT CROWD YOUR WORK. DO NOT WRITE IN MULTIPLE COLUMNS. My suggestion is that you do the exercises in the *Lecture Notes* in the order that they appear. However, ONLY hand in those problems which I have assigned. If there are answers in the back of the book, then you need to be especially certain to explain your answer.

1. * Send me an email which includes your name, your hometown, your (anticipated) major, and briefly outline your background in math and stats. As well, answer the following question: Why are you taking this course?
2. Read all of the course policies on the outline and syllabus handouts. Be sure to also read the appropriate sections in the *University Calendar*. Visit and explore our Stat 252 course home page.
3. Read the “Preface” (pages xiii–xvi), and read Chapter 1 (pages 1–15) of Wackerly, et al.
4. Do the following exercises from the printed *Lecture Notes*.
 - #1.1, 3.2, Example 5.2 (which should be Exercise 5.2), 5.7, 5.14, 5.18, 5.19, 6.1
5. * Do the following exercises from the printed *Lecture Notes*.
 - #4.3, 4.4, 5.8, 5.9, 5.12, 5.13, 5.15, 5.20
6. Do the following exercises from Wackerly, et al.
 - page 17 #1.29
 - page 368 #8.1, 8.5
7. * Do the following exercises from Wackerly, et al.
 - page 3 #1.1(g)
 - page 11 #1.9, 1.10
 - page 18 #1.33
 - page 368–369 #8.2, 8.4, 8.6, 8.8
 - page 377–378 #8.19, 8.24