Statistics 301, Fall Semester, 2006, Lectures 4 and 5
Robert Wardrop

1. Teaching Staff

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<tr>
<th>Name</th>
<th>Section</th>
<th>Time</th>
<th>Classroom</th>
<th>Office*</th>
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<td>Bob Wardrop</td>
<td>Lecture 4</td>
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*Offices are in MSC (1300 University Avenue); email suffix is @stat.wisc.edu

Wardrop’s office hours: TBA; other times by appointment.

2. Materials. The text Statistics: Learning in the Presence of Variation is required. Used copies of the text should be available at the University Book Store, 711 State Street, and at Underground Book Exchange, 644 State Street. If you are unable to find a copy of the book, see me.

There is a (red-cover, not yellow) Revised Student Study Guide (RSSG). The RSSG contains study suggestions for each chapter, detailed solutions to the odd-numbered exercises in the text, approximately 200 sample exam questions with solutions, and additional mathematical derivations. Note that the textbook contains brief solutions to its odd-numbered exercises.

Most students find the web materials described below to be much more useful than the RSSG. In fact, unless you really want to see math derivations, I recommend that you do not use the RSSG. The RSSG is on my webpage.

You need a calculator that can compute square roots; otherwise, it does not need to be sophisticated.

3. Webpage. My web address is

http://www.stat.wisc.edu/~wardrop/

You will need to print four documents from this page. Under “Courses:” click on “Statistics 301, Lectures 4 and 7, Spring 2006” and print the documents listed below.

- Project Assignment
- Course Notes
- Extra Homework
- Practice Exam Questions and Solutions

If you are taking this course for Honors credit, see the Honors assignment on the webpage.

5. **Daily Routine.** Bring the textbook and the Course Notes to lecture.

   Bring the textbook, the Extra Homework, the Practice Exam Questions and Solutions, the Course Notes and a calculator to discussion.

   Homework exercises will be assigned for the sections of the text that are covered in lecture. Homework will be due at the beginning of lecture on Thursday of the week after it is assigned. Homework will be accepted, without penalty, until noon on the Friday after it is due, provided you place it in your TA’s mailbox.

   The primary purpose of the discussion is to provide you with help in completing the homework. Homework assignments will be announced in lecture and posted on the web.

6. **Course Grade.** You can earn a maximum of 200 points in this course.

   - **Homework: 24 points.** Homework will be graded on a ‘+’ or ‘−’ system. If an assignment is submitted on time and it appears that you tried to complete it, then you will receive a ‘+’; otherwise, you will receive a ‘−’. Your homework grade starts at 24. Your first ‘−’ does not affect your grade, but you will lose two points for each additional ‘−’ that you receive.

   - **Projects: 36 points.** Thirty-six points are possible for two projects; 18 for one. See the Project Assignment handout for details.

   - **Exams: 140 points.** There will be an in-class midterm exam and a final exam at the assigned time during final exam week. Your calculator, text, and notes may be used during the exams.

   The three items below show the relationship between your number of points in the class and your course grade. I will use the item that gives you the highest grade.

   (a) **Two exams plus homework plus two projects.**
   
   184.0 is an A; 177.0 is an AB; 158.0 is a B; 140.0 is a BC; 120.0 is a C; and 100.0 is a D. Below 100.0 is an F.

   (b) **Two exams plus homework plus one project.**
   
   167.5 is an A; 161.0 is an AB; 144.0 is a B; 127.5 is a BC; 109.0 is a C; and 91.0 is a D. Below 91.0 is an F.

   (c) **Two exams plus two projects.**
   
   162.0 is an A; 156.0 is an AB; 139.0 is a B; 123.0 is a BC; 105.5 is a C; and 88.0 is a D. Below 88.0 is an F.