

# Statistics 301, Fall Semester, 2007, Lectures 3 and 5

## Professor Wardrop

### 1. Teaching Staff

Name	Section	Time	Classroom	Office*	Phone	E-mail*
Bob Wardrop	Lecture 3	1:00–2:15 TR	331 SMI	1120	33304	wardrop
Erica Deadman	Disc. 331	12:05 M	106 Social Work	B248 F		deadman
Erica Deadman	Disc. 332	1:20 M	B321 Van Vleck	B248 F		deadman
Perla Reyes	Disc. 333	3:30 M	23 Ingraham	B248	37329	reyes
Erica Deadman	Disc. 334	4:35 M	123 Van Hise	B248 F		deadman
Erica Deadman	Disc. 335	8:25 T	23 Ingraham	B248 F		deadman
Xu He	Disc. 336	12:05 M	23 Ingraham	1275 F		hexu
Bob Wardrop	Lecture 5	6:00–7:15 TR	331 SMI	1120	33304	wardrop
Perla Reyes	Disc. 351	4:00 R	374 Van Hise	B248		reyes
Perla Reyes	Disc. 352	2:25 W	115 Ingraham	B248	37329	reyes
Xu He	Disc. 353	7:30 PM T	123 Van Hise	1275 F		hexu
Perla Reyes	Disc. 354	1:20 W	B321 Van Vleck	B248	37329	reyes
Xu He	Disc. 355	4:35 W	TBA	1275 F		hexu

\*Offices are in MSC (1300 University Avenue); email suffix is @stat.wisc.edu

**Wardrop's office hours:** 3:00–4:00 T, 12:00–12:45 R and 5:00–5:45 R; or 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. The *RSSG* is on my webpage.

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*.

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 3 and 5, Fall 2007” 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.

4. **Syllabus.** The course will cover Chapter.Section numbers 1.1–1.3, 2.1–2.5, 3.1–3.5, 5.1–5.4, 6.1–6.3, 6.5, 7.1, 7.2, 12.1–12.4, 15.1–15.3, 16.2, 8.1, 8.2, and 13.1–13.4 of the textbook.

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 collected at the beginning of lecture on Thursday of the week after it is assigned. In addition, homework placed in the TA's mailbox by 12:01 PM on Friday (the day after lecture collection) will be accepted as being on time. Homework that is NOT submitted by 12:01 on Friday will be deemed late and receive a minus. Only Professor Wardrop—not your TA—can grant a plus to a late homework.

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* document on the course website 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.

I will compute four scores for you:

- $S_1 = HW + P_1 + P_2 + E_1 + E_2$
- $S_2 = 200(P_1 + P_2 + E_1 + E_2)/176$
- $S_3 = 200(HW + P_1 + E_1 + E_2)/182$
- $S_4 = 200(HW + P_2 + E_1 + E_2)/182$

Your course score will be the maximum of  $S_1, S_2, S_3,$  and  $S_4,$  and your grade will be based on your course score.

Below is the **promised, most severe** relationship between course score and course grade for this class; i.e. if you score 184.0 points or more, you will receive an A for your course grade. If your course score is smaller than 120.0, your course grade might be a D or an F.

Course Grade:	A	AB	B	BC	C	D
Course Score:	184.0	177.0	158.0	140.0	120.0	100.0

Below is the **actual** relationship between course score and course grade for Spring, 2007. I cannot predict, with certainty, the actual relationship this semester.

Course Grade:	A	AB	B	BC	C	D
Course Score:	182.5	175.5	156.5	138.5	115.0	100.0