

## STATISTICS 7, FALL 2009

**Lecture:** MWF, 1:00 – 1:50, 100 Engineering Lecture Hall  
**Instructor:** Professor Jessica Utts, 2212 Bren Hall, 929-824-0649, [jutts@uci.edu](mailto:jutts@uci.edu)  
**Office Hours:** Tues 2-4 or by appointment; *Until 10/16:* Fri 10:30-noon; *After 10/16:* Mon 10:30-noon (to correspond with homework due dates).

**TAs and Discussions:** Discussions are Mon in 134 Steinhaus Hall at 3, 4, 5 and 6pm. You must attend the discussion for which you are enrolled, not one at another time. See “Grading” for additional details about format of the discussions and attendance.

<b>TA:</b>	<b>Yan He:</b> Discussions 1 and 2 (3pm, 4pm)	<b>Thao Duong:</b> Discussions 3 and 4 (5pm, 6pm)
Email	<a href="mailto:yhe@uci.edu">yhe@uci.edu</a>	<a href="mailto:tduong@uci.edu">tduong@uci.edu</a>
Location	2013 Donald Bren Hall	2013 Donald Bren Hall
Office Hrs	Mon, 5-6pm and Thurs, 2:00 - 4:00pm	Mon, 3-5pm and Fri, 2:00-3:00pm

### Office hours by day:

<b>Mon, 3-5 (Duong), 5-6 (He)</b> After 10/16 10:30am to noon (Utts)	<b>Tues, 2-4</b> (Utts)	<b>Thurs, 2-4</b> (He)	<b>Fri, 2-3 (Duong)</b> Until 10/16 10:30am to noon (Utts)
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**Textbook:** *Mind On Statistics, 3<sup>rd</sup> edition* by Jessica Utts and Robert Heckard

**Computing:** We will use free software called “R Commander.” You will be instructed in its use.

**Web Site:** <http://www.ics.uci.edu/~jutts/7> includes basic information, daily schedule, practice exams, homework assignments and solutions, links to related sites, etc. Grades posted at eee.

### GRADING, EXAMS, HOMEWORK, CLICKERS and DISCUSSION SECTIONS

(See next page for more details):

- Exams:** There will be 2 midterms, each worth **25%**. Dates are **Mon Oct 19** and **Wed Nov 18**.  
**Final Exam:** **Wed, Dec 9, 1:30-3:30 pm**, comprehensive but more focus on material covered after the second midterm exam. The final exam counts for **35%** of your grade.  
**Homework:** Homework is worth **5.5%** of your grade. See the next page for details.  
**Clickers:** Questions are worth **4.5%** of your grade, with **0.5%** for **each of the 9 weeks** they will be given. Optionally, you may substitute online quizzes. See the next page for details.  
**Discussions:** There will be “hands-on” activities in 7 of the 10 Monday discussion sections. You are required to participate in 5 out of the 7 and will receive 1 point for each, up to a maximum of 5 points, or **5%** of your grade. See next page for details.

**Grade Disputes** will not be considered until the end of the quarter. Write a cover note including the *total number of points* in question and *your rationale* and hand it in by the time of the final exam. If the total points in question will *change* your letter grade (including +/-), your rationale will be considered.

### Classroom Etiquette:

1. I make every effort to start and end on time. Please respect the 50 minutes of class time; do not pack up early - it disturbs those around you. I have another class at 2pm, so will definitely end on time!
2. If you have to leave early, please sit near the doors.
3. If you are bored and want to work on something else, feel free to do so, *but* be very discreet. For example, do *not* read the newspaper.
4. Please turn off cell phone sounds and other electronic equipment sounds.

## GRADES: EXAMS, HOMEWORK, CLICKERS, ONLINE QUIZZES AND DISCUSSIONS

### Grading summary:

Midterm 1:	25.0%
Midterm 2:	25.0%
Final exam:	35.0%
Homework:	5.5%
Clicker/Quizzes:	4.5%
Discussion sections:	5.0%
TOTAL:	100%

### Homework (5.5%):

One or two problems will be assigned with each lecture. There are due as follows:

- Until midterm 1, they are due the *Friday* after they are assigned. Thus, problems assigned on Friday, Monday and Wednesday, are due that Friday. Due dates are **October 2, 9 and 16**.
- After midterm 1, they are due the *Monday* after they are assigned. Thus, problems assigned on Mon, Wed, Fri of one week are due the Monday of the next week. Due dates are **Oct 26, Nov 2, 9, 16, 30**. The only exception is the last week of class, when problems are due on Friday, **Dec. 4<sup>th</sup>**.
- Notice that there are 9 assignment due dates. Each assignment will be graded on the basis of 10 points. The lowest of the 9 scores will be dropped. The remaining 8 scores will be averaged, and will be worth **5.5%** of your total grade.
- An “*assignment week*” consists of the 2 or 3 lectures making up one homework assignment.

### Clickers and Online quizzes (4.5%):

- For each “assignment week” (defined above) there will be 5 clicker quiz questions given intermittently during the lectures. For each question you answer you will receive 1 point, and for each *correct* answer you will receive an additional point, for a total possible maximum of 10 points.
- If you prefer, for each “assignment week” you can substitute an online quiz for the clicker points. The quiz will consist of 5 multiple choice questions, randomly selected for you from a larger set. You will receive 2 points for each correct answer and 0 points for each incorrect answer, for a total possible maximum of 10 points. Quizzes will be released the evening of the last lecture of the “assignment week” (Wed or Fri) and must be completed by 1pm on the day of the next lecture (Fri or Mon), the same day the homework is due for that “assignment week.” Quizzes will be timed and you will have a maximum of 20 minutes to complete them. You have only one attempt.
- If you complete both the clicker questions and the online quiz, the higher of your two scores for that assignment week will be counted.
- Your score for each of the 9 assignment weeks counts as 0.5% of your total grade, so the combined total for clicker and/or online quizzes is **4.5%** of your grade.

### Discussion Sections (5%):

- There are a total of 10 discussion dates, but discussions on the day of the first midterm (Monday, October 19<sup>th</sup>) will be cancelled.
- Of the remaining 9 discussion dates, on Monday, October 5 you will be introduced to the R Commander software, and on Monday, Nov. 16 discussions will be used to review for Midterm 2.
- In the remaining 7 discussion sections we will do hands-on projects that give you experience in various areas of statistical practice. You are required to participate in **5 out of the 7**. You will receive **1 point for each** of these, for a total possible maximum of **5 points**, or **5%** of your grade.
- If you participate in more than 5 of the 7 hands-on discussion sections, I will consider your extra participation if your grade is borderline between two possible grades. Also, exam problems may ask about what was done in discussion sections.