

STATISTICS 8, FALL 2010

Lecture: MWF, 12:00 – 12:50, 1100 Donald Bren Hall
Instructor: Professor Jessica Utts, 2212 Bren Hall, 929-824-0649, jutts@uci.edu
Office Hours: Mon, Wed 3:00-4:00 or by appointment

TAs and Discussions: You must attend the discussion for which you are enrolled. See “Grading” for additional details about format of the discussions and attendance.

TA, Discussions 1 and 4: Shandon Min, shandonm@uci.edu

TA, Discussions 2 and 3: Jason Kramer, jskramer@uci.edu

TA office hours: See the course webpage for TA office hours and location. You may attend office hours with either TA, not just with the TA for your discussion section.

Textbook: *Mind On Statistics*, 3rd edition by Jessica Utts and Robert Heckard

Coverage: We will cover most of Chapters 1 to 13, parts of Chapters 15 and 16, and Chapter 17. You are responsible for what is covered in class, *whether or not it is in the book*. You are not responsible for material in the book that isn't covered in class, except book chapters and sections you are explicitly asked to read on your own. (These are listed on the website in the daily calendar.)

Web Site: <http://www.ics.uci.edu/~jutts/8> includes daily calendar (with sections covered, homework assignments with due dates, discussion topics), slides from class lectures, computer resources, practice exams, homework solutions, links to related sites, etc. Grades posted as they become available.

Announcements are made most days in class. You are responsible for them, even if you are not in class. Occasionally announcements will be sent by email, so make sure you check your @uci email.

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

Grading, Exams, Homework, Clickers and Discussion Sections (see next page for more details):

Exams: Two midterms, each worth **25%**. Dates are **Mon Oct 18** and **Wed Nov 10**. You may bring one sheet of notes to midterm 1, two sheets to midterm 2, and four sheets to the final exam.

Final Exam: **Mon, Dec 6, 1:30-3:30 pm**, comprehensive but more focus on material covered after the second midterm exam. The final exam counts for **30%** of your grade.

Homework: Homework is worth **7%** of your grade. See the next page for details.

iClickers: Clicker questions are worth **8%** of your grade, with **1%** for **each of the 8 “assignment weeks.”** Optionally, you may substitute online quizzes. See the next page for details.

Discussions: There will be “hands-on” activities in 7 of the 10 Friday 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. A cover sheet will be provided for you to write the total number of points in question and your rationale. If the total points in question will *change* your letter grade (including +/-), your rationale will be considered. Details provided later.

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. If you know you have to leave early, please sit near the doors.
2. If you are bored and want to work on something else, feel free to do so as long as you don't disturb others. Please do not talk to others during class. It disturbs those around you.
3. Please silence cell phones and other electronic equipment.

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

Grading summary:

Midterm 1:	25%
Midterm 2:	25%
Final exam:	30%
Homework:	7%
Clicker/Quizzes:	8%
Discussion sections:	5%
TOTAL:	100%

“Assignment weeks” are sets of 3 lectures. Except for the 3 weeks between the two midterms, they consist of a (Fri, Mon, Wed). The inter-midterm weeks (thrown off schedule because of the midterm) are (Wed, Fri, Mon). See the daily calendar on the class webpage for specific dates. There are 8 “assignment weeks” that count toward your grade. Assignment Week #9 has nothing due for credit except the discussion section.

Homework (7%): A few problems will be assigned with each lecture, but they are due as follows:

- All 3 assignments for an “assignment week” are due the day of the next regular lecture. For example, if an assignment week is Fri, Mon, Wed, homework is due on Friday. Due dates are listed on the website daily calendar. You can hand homework in during class, or take it to a “drop box” across the hall from Room 2022 Bren Hall **by 6pm on the due date**. *Late homework will not be accepted because keys are posted right after the homework is due.*
- On the upper right of each assignment write:
Name, Discussion Section number (1 to 4), last 6 digits of your Student ID#.
- If you use notebook paper, please remove the jagged edges.
- Each assignment will be graded on the basis of 10 points. The lowest of the 8 scores will be dropped. The remaining 7 scores will each be worth **1%**, for a total of **7%** of your grade.

Clickers and Online quizzes (8%):

- For each “assignment week” there will be 5 clicker questions for credit. These are given intermittently during the lectures, possibly randomly selected from a larger set of clicker questions given that week. 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 of 10 points per assignment week.
- 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 (individually) from a larger set. You will receive 2 points for each correct answer and 0 points for each incorrect answer, for a total possible of 10 points. Quizzes will begin after the last lecture of the assignment week, and must be completed by noon on the day of the next lecture. Quizzes will be timed and you will have a maximum of 20 minutes to complete them. You have only one attempt for each quiz. You will receive an email (to your uci address) when quizzes are ready to be taken.
- 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 clicker/quiz score for each of the 8 assignment weeks counts as **1%** of your total grade, so the combined total for clicker and/or online quizzes is **8%** of your grade. (No weeks are dropped.)

Discussion Sections (5%):

- There are 10 discussion dates. Mon, Oct 4 you will be introduced to the R Commander software. Nov 8 will be a Midterm 2 review. Discussion on Nov 15 is *cancelled*.
- 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, so you should attend them all if possible.