

**STATISTICS 108**  
**REGRESSION ANALYSIS**  
FALL 2007

**Lecture:** MWF 4:10 –5, Room 6 Olson Hall

**Discussion:** Tues 11-11:50, Room 7 Wellman  
Tues 4:10-5, Room 261 Olson

<b>Instructor</b>	<b>Teaching Assistant</b>
Jessica Utts (jmutts@ucdavis.edu)	Irina Udaltsova (isudaltsova@ucdavis.edu)
4214 Math Sciences Bldg, 752-6496	1117 Math Sciences Bldg
Tues, Fri 1:30-3:00 or by appointment	Mon, Wed 1:10 – 2:00 or by appointment

**Text:** *Applied Linear Statistical Models, 5<sup>th</sup> Edition* by Kutner, Nachtsheim, Neter and Li

**General Education Credit:** This course satisfies the General Education requirement for *topical breadth in Science and Engineering*.

**Web site:** The web site has general information and will be updated regularly with homework assignments, solutions, sample exams and links to useful resources for the course.

The web address is: <http://anson.ucdavis.edu/~utts/st108>

Grades will be available on MyUCDavis, where you will also find a link to the above website.

**Computing:** We will use a free statistical package called R. There are handouts on the class website about how to use R (including how to download it onto your computer), and they will be covered in the discussion sections. You are responsible for accessing the handouts from the website – they will not be handed out in discussion.

**Material to be covered:** We will cover much of Chapters 1 to 10 in the textbook, except Chapter 4. I will try to keep you informed if we are skipping entire sections of certain chapters.

**Discussions:** The same material will be covered in the morning and afternoon Tuesday discussions. They will be used for learning the R language, reviewing material and answering questions about homework and class material. They will be led by the TA, Irina Udaltsova.

**Homework:** In general, a few homework problems will be assigned with each lecture, but they will be due on the *Wednesday* after they are assigned. Thus, problems assigned on Wed, Fri, Mon are due on Wed. An exception will be the first assignment, for which problems assigned on Oct 1, 3, 5 and 8 are all due on Wednesday, Oct 10<sup>th</sup>. There may be occasional other exceptions, when substantial computer use is required to complete an assignment.

**Exams (both exams are open book and notes):**

**Midterm exam:** Friday, November 2<sup>nd</sup>, during class

**Final exam:** Monday, December 10<sup>th</sup>, 1:00 – 3:00 pm

**Grading:** Your final score will be calculated using the following percentages:

Homework: 20%

Midterm Exam: 35%

Final Exam: 45%

**Other Important Dates:**

Holidays: Mon, Nov 12; Fri, Nov 23

Dates Professor Utts will be away: Oct 4, 5 (lecture by Irina on Oct 5); Nov 1, 2.

Deadlines: To *add* - October 12<sup>th</sup>; To *drop* - October 24<sup>th</sup>; To change to *P/NP* or *S/U* – October 31<sup>st</sup>