SYLLABUS FOR STATISTICS 13 - LECTURE 1
FALL 2011

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Office hours: TR 16:00 - 18:00, W 16:30 -18:30, F 13:00 - 15:00

Lecture	Day	Class Time	Location
Lecture 1	MW	15:00 - 16:20	MS 4000A

Section	Day	Discussion	Location
1A	Tuesday	08:00 - 08:50	MS 5128
1B	Tuesday	09:00 - 09:50	MS 5128
1C	Tuesday	10:00 - 10:50	MS 5128
1D	Tuesday	11:00 - 11:50	MS 5128

Section	Day	Lab	Location
1A	Thursday	08:00 - 08:50	BOELTER 9413
1B	Thursday	09:00 - 09:50	BOELTER 9413
1C	Thursday	10:00 - 10:50	BOELTER 9413
1D	Thursday	11:00 - 11:50	BOELTER 9413

COURSE RESOURCES:
Textbook (optional): Myra L. Samuels, Jeffrey A. Witmer, *Statistics for the Life Sciences*, Third Edition, Prentice Hall, 2003.

Probability and Statistics EBook (freely available at):
`http://wiki.stat.ucla.edu/socr/index.php/EBook`.

Software: `R` (can be downloaded freely from `http://cran.stat.ucla.edu`), and Statistics Online Computational Resource (SOCR), freely available at: `http://www.socr.ucla.edu`.

COURSE TOPICS

1. Data analysis.
   Chapters 2.
2. Probability Chapters 3.
3. Random variables.
   Chapter 3.
4. Discrete probability distributions.
   Chapter 3.
5. Continuous probability distributions.
   Chapter 4.
6. Sampling distributions.
   Chapter 5.
7. Estimation - Confidence intervals.
   Chapter 6.
8. Hypothesis testing.
   Chapter 7.
9. Simple linear regression and correlation.
   Chapters 12.
10. Analysis of variance.

COURSE POLICIES:
Please remember to turn off cell phones. The use of laptop computers will not be permitted in class. You are expected to adhere to the honor code and code of conduct. If you have a disability that will require academic accommodation, please contact the UCLA Office for Students with Disabilities (OSD).

COURSE GRADES:
There will be three (3) exams (cumulative) and homework or labs that will be assigned every week. Please staple your homework or labs and write your name and the discussion section on them. Late homework or labs will not be accepted and make-up exams will not be given. Being in class on time and fully participating is important for your understanding of the material and therefore for your success in the course. You are required to attend all the lectures. Attendance will be taken at random times during the course and it will count for 20% of your grade. The tentative dates/times for the exams are shown below.

The course grade will be based on the calculation
$Final\ score = 0.20 \times Attendance + 0.10 \times Homework/Labs + 0.20 \times Exam1 + 0.20 \times Exam2 + 0.30 \times Final$

Communication:
In-class handouts can be accessed at `http://www.stat.ucla.edu/~nchristo/statistics13`.
Please keep a current e-mail address with my.UCLA.edu in order to receive class announcements and reminders.

Important dates:
First day of classes: 22 September.
Last day of classes: 02 December.
Holidays: 11 November (Veterans Day), 24-25 November (Thanksgiving).

Exams:
Exam 1: Week 4, Wednesday, 19 October after class.
Exam 2: Week 7, Wednesday, 09 November after class.
Exam 3: Week 10, Friday, 02 December after 16:00.

Good Luck !!!