University of California, Davis  
Department of Statistics  
Summer Session II 2012

Statistics 13  
Elementary of Statistics  
Date of latest update: August 6

Lecture:  MTW 8:00-9:40am, WELLMN 233  
Discussion:  R 8:00-9:40am, WELLMN 233

Instructor:  Yang, Nuen Tsang (Matt)  
Office Hours:  M 09:50 - 10:50am  
Office: MSB 4109  
matyang@ucdavis.edu  
T 09:50 - 10:50am  
or by appointment

Teaching  
Assistant:  Zhang, Xiaoke  
Office Hours:  T 01:10 - 02:00pm  
F 12:10 - 01:00pm  
Office: MSB 1117

Suggested Text:  A First Course in Statistics (Tenth Edition), by McClave and Sincich

Course Website:  [http://www.stat.ucdavis.edu/~ntyang/teaching/12SSII/STA13/Welcome.html](http://www.stat.ucdavis.edu/~ntyang/teaching/12SSII/STA13/Welcome.html)

Materials to be covered:

- An Introduction to Statistics  
- Describing Data  
- Probability  
- Discrete Probability Distributions  
- Continuous Probability Distributions

MIDTERM I  Thursday, August 16

- Sampling Distributions  
- Estimation Using Single Sample  
- Hypothesis Testing Using Single Sample

MIDTERM II  Thursday, August 30

- Comparing Population Means  
- Comparing Population Proportions  
- Simple Linear Regression

FINAL EXAM  Thursday, September 13  8:00-9:40am
**Homework:** There will be five problem sets assigned every Wednesday. It is due a week from the assigned date at the beginning of the lecture. **No late homework will be accepted.**

**Exams:** 2 Midterms and a comprehensive Final Exam. Practice exams will be given on Monday of each exam week. 
All exams are closed book. Students are permitted to bring one standard-sized, double-sided, handwritten page of notes to the midterm and two such pages to the final exam. Graphing calculators may be used.  
**No early or make up exams will be given**

**Grading:** Homework 20%  Midterm 40%  Final 40%