

**University of California, Davis**  
**Department of Statistics**

***Statistics 13: Elementary Statistics***  
***Fall, 2014***  
***Professor David Lang***

**Contact Information:** Email: [lang@csus.edu](mailto:lang@csus.edu)  
Office Hours: TBA  
Class: MWF 8:00-8:50 ARC 138

**Course Description:** Lecture—3 hours; discussion—1 hour. Prerequisite: two years of high school algebra or the equivalent in college. Descriptive statistics; basic probability concepts; binomial, normal, Student's t, and chi-square distributions. Hypothesis testing and confidence intervals for one and two means and proportions. Regression. Not open for credit to students who have completed course 13V or higher. GE credit: SciEng | QL, SE.—I, II, III. (I, II, III.)

**Required Texts:** (Available online) McClave and Sincich, *A First Course in Statistics*

**Grading:** Homework: There will be significant homework in this course which may take you a good deal of time, so please make sure you work on this early and often. If you wait until the last minute, you will almost certainly do miserably. All homework will be completed online using MyStatLab.

Attendance: Attendance is not a requirement in this course. However, it is important that you understand that not attending is very likely to lower your grade and, more crucially, your understanding of the material.

*It is your responsibility to get any material that you missed and yours alone. I will not provide lecture notes under any circumstances.*

Tests: There will be 2 midterm exams and 1 final exam for this course.  
  
*There will be no make-up exams permitted in this class except in the most extreme of circumstances as determined by me. For medical situations, appropriate documentation must be provided.*

Grade Distribution:

Your grade will be based on the above components as follows:

20 %	Homework
25 %	Exam I
25 %	Exam II
30%	Final Exam

**Additional Notes:**

1. You are expected to work hard in this class. A good rule of thumb is to make sure you put in *at least* as much time outside of the classroom as you do inside it. In other words, you should be spending a *minimum* of 3 hours a week studying, doing homework, or reading for this course in addition to your class time.
2. I expect you to know what I cover in class. There will be some material in the text that I will not go over. This material *will not* be on the exams. There may be a few points that I cover more in depth than the text does. This material *is* fair game for the exams.
3. Study groups are strongly encouraged. Many times, your classmates may be your best resource.
4. Stay on top of things early on. If you start to get lost, let me know so I can slow down or schedule a meeting with you one-on-one.
5. Cheating or related acts of academic dishonesty will not be tolerated. Please do not test me on this issue.
6. Try to have fun! Statistics does not have to be torture. Just relax, and let me know if things start to go badly. Good luck and have a great quarter!

**Tentative Course Timeline:**

Week 1	October	3	Introduction	
Week 2		6, 8, 10	Chapter 1	
Week 4		13, 15, 17	Chapter 2	
Week 4		22, 24	Chapter 3	<b>NO CLASS 10/20</b>
Week 5		27, 29, 31	Chapter 4	
Week 6	November	3, 5, 7	Chapter 5/EXAM	<b>EXAM I – 11/7</b>
Week 7		10, 12, 14	Chapters 5-6	
Week 8		17, 19, 21	Chapters 6-7	
Week 9		24	Chapters 7-8	<b>NO CLASS 11/26 &amp; 11/28</b>
Week 10	December	1, 3, 5	Chapter 8/EXAM	<b>EXAM II – 12/5</b>
Week 11		8, 10, 12	Chapter 9	
FINAL		17		<b>FINAL 8:00-10:00</b>