Syllabus

Instructor

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Office Hours:	Mondays and Wednesdays 4:30 - 5:30 PM in 1117 MSB

Teaching Assistant

Name:	Christine Cai
Email:	chcai@ucdavis.edu
Office Hours:	Thursdays 3:30 - 4:30 PM and Fridays 1:30 - 2:30 PM in 1117 MSB

Lectures

Lectures are held Mondays, Wednesdays and Fridays 3:10 - 4:00 PM in Olson 6.

Discussion Sections

Section	Location	Time
B01	Art 204	Tuesdays 4:10 - 5:00 PM
B02	Olson 205	Tuesdays 5:10 - 6:00 PM

Textbook

Applied Linear Statistical Models by Kutner, Nachtsheim, Neter and Li, 5th ed.

Software

Homework assignments and the project will require the use of statistical software. You are encouraged to use *R*, but you may choose different software if you prefer. There will be instructions, examples and solutions for using *R*, but not for other statistical software.

Grading

The course grade is based on homework (10%), two midterm exams (20% each), a project (10%) and a final exam (40%).

There may be a curve for the overall course grades if necessary.

If you have any grade dispute, please contact me **within one week** of the grades becoming available on Smartsite.

Homework

There will be approximately seven homework assignments. These may be done in groups of up to three students from the class.

No late homework will be accepted.

Project

The course project will be assigned near the end of the quarter. It will consist of performing data analysis on a provided data set, and submitting a formal report of the findings. Detailed instructions will be released later.

Exams

There will be two non-cumulative midterm exams and a cumulative final exam. Each exam will have a true/false and a free response part. A tentative exam schedule is below.

Midterm 1:	Monday February 1
Midterm 2:	Monday February 22
Final:	Thursday March 17, 6:00 - 8:00 PM

Attendance at the final exam is necessary in order to pass the class.

Topic Coverage

The class covers most of the material in chapters 1-11 of the textbook. Below is an overview of the topics. The order and inclusion of topics is subject to change.

Unit 1	**Unit 2**	**Unit 3**
Simple Linear Regression	General F test	Polynomial Regression
Inference in Regression	Simultaneous inference	Predictor Interactions
ANOVA in Regression	Matrix Approach	Qualitative Predictors
Model Diagnostics	Multiple Regression	Model Selection
Variable Transformations		

Code of Conduct

Students are expected to follow the UCD Code of Academic Conduct.
It can be found at *http://sja.ucdavis.edu/cac.html*.

Special Accommodations

If you require special accommodations for lectures or exams, please register with the Student Disability Center at *http://sdc.ucdavis.edu* and contact me **by January 20.**