Course Information

(Website: http://metrics.colorado.edu/courses/3818)

I. General: Economics 3818 is a one-semester course in statistics and econometrics for economics majors.

II. Prerequisites: There are no economics course prerequisites. Economic examples will be used in class and for problem sets, but the subject matter is essentially self-contained. A good background in algebra is essential.

III. Requirements:
- Two midterm exams (20% each of the final grade), given Friday, February 22, and Friday, April 5;
- Ten problem sets (30%), due each Friday starting January 25, except for the weeks of the midterms and Spring break;
- Final exam, May 9 (30%);
- Attendance: mandatory in lecture! After three missed classes, each class missed results in a one-step final grade reduction (e.g., B+ → B, or C- → D+). Recitation will be question-and-answer sessions, and example problem solving. You are encouraged to go to recitation, but if you are comfortable with the week's lectures and problem set, you need not attend.


V. Course Outline: Parts I, II, and III of the text will be covered. Major sections are
   I. Basic Probability and Statistics: weeks 1 - 5
   II. Inference for Means: weeks 6 - 9
   III. Regression Analysis: weeks 10 - 16

The last topic is the major tool of applied economists (and most other social scientists who deal with data). Those who wish to pursue regression analysis are encouraged to take Economics 4818, a course in econometrics that follows Economics 3818.