

Course Information

Economics 3818 - 100
TR Education Room 220 9:30 - 10:45

August, 2005

Instructor: Professor Donald M. Waldman
Office and hours: Econ 108, T: 8:30-9:30 am, R 3:30 - 5:00 p.m., and by appointment
email: waldman@colorado.edu

Teaching Assistant: Jirapa Inthisang
Office and hours: M: 3-4, W: 11-12 pm
email: Jirapa.Inthisang@colorado.edu

Recitation Time and Locations:

111 W: 12 - 12:50 a.m., Muen E 114
112 M: 4 - 4:50 p.m., Econ 13
113 W: 8 - 8:50 a.m., Duan G2B41

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

II. Requirements:

- *Two midterm exams* (20% each of the final grade), given Thursday, September 22, and Thursday, November 3. There are no makeup exams. If you have an approved reason for missing an exam, the weight of that exam is added to the final exam.
- *Problem sets* (30%), due the beginning of class each Thursday starting September 1, except for September 22 (midterm exam), September 29 (Fall Break), November 3 (midterm exam), and November 24 (Thanksgiving). Most problems will be taken from the text. Since all recitation sections are held before Thursday, they are a good opportunity to discuss problem sets. Problem sets cannot be accepted after the due date, for any reason.
- *Final exam*, Tuesday, December 13, 4:30 p.m. (30%).
- *Attendance:* mandatory! Daily attendance will be taken in both class and recitation beginning the second class meeting and the first recitation. In order to receive a passing grade in the course, you must attend a minimum of 80% of the lectures and 80% of the recitations. A sign-in sheet will be circulated during each class and recitation meeting. It is your responsibility to make sure that you have signed in by the end of class and recitation.

III. Prerequisites

Course prerequisites are Economics 1000, or 2010 and 2020; and Economics 1078 and 1088 or equivalent. These prerequisites are strictly enforced.

IV. **Text:** Introductory Statistics for Business & Economics, by Wonnocott and Wonnocott.

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 - 10
- III. Regression Analysis: weeks 11 - 15

The last topic is the predominant 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.

VI. Miscellaneous

- **Hardware and Software:** Microsoft Excel will be used for much of the data analysis. There are many excellent Excel manuals available. Excel is supported in all of the campus computer labs, including the lab in the basement of the Economics building. In addition to using Excel, you will need a calculator that has functions for correlation, mean, standard deviation, and least squares regression line. This calculator will be necessary for in-class exercises as well as for tests.
- **Special Accommodations Policy:** If you have specific physical, psychiatric, or learning disabilities and require accommodations, please let me know early in the semester so that your learning needs may be appropriately met. You will need to provide documentation of your disability to the Disability Services Office in Willard 322 (phone 303-492-8671). Furthermore, if you require time off for special religious or cultural holidays, this should be arranged in advance with me.
- **Policy Regarding Academic Dishonesty:** Academic dishonesty will not be tolerated. Breaches of this policy will result in a course grade of F and a reporting of the incident to academic affairs