

**Economics 3818 - 300  
Course Information**

Economics 3818 - 100 TR 12:30 - 1:45 Humanities 135

August 26, 2008

Website for Addison Wesley MyCourse Compass: [www.coursecompass.com/](http://www.coursecompass.com/)  
Course ID: waldman92403

Note: enter Access codes in ALL CAPITAL LETTERS when registering for CourseCompass courses

Instructor: Professor Donald M. Waldman  
Office and hours: Econ 108, T: 9:30-11:00 am., W: 8 - 9  
email: waldman@colorado.edu

Teaching Assistant: Cong Dinh  
Office and hours: TBA  
email: Cong.Dinh@colorado.edu

Recitation Time and Locations:

311	11:00-11:50	T	CHEM 131
312	4:00-4:50	W	EDUC 231
313	3:30-4:20	R	EDUC 134

**I. General:**

Economics 3818 is a one-semester course in statistics, required of economics majors. We will study basic probability and probability distributions, especially the normal distribution; and descriptive and inferential statistics. Emphasis is on both theory and applications. Weekly problem sets will explore issues in statistical theory, and the use of Microsoft Excel (or other spreadsheet software) to do data analysis on real-world data.

**II. Requirements:**

- *Periodic short quizzes* (10%), taken online throughout the semester.
- *Two midterm exams* (20% each), given Thursday, September 25, and Thursday, October 30. 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.
- *Weekly Problem sets* (20%), completed online.
- *Final exam*, Saturday, December 13, 7:30 a.m. - 10:00 a.m (30%).

**III. Prerequisites**

Course prerequisites are Economics 1000, or 2010 and 2020; and either Economics 1078 and 1088 or equivalent math courses. These prerequisites are strictly enforced. If you are listed as not meeting the course prerequisites, you must show me that you have indeed met them.

**IV. Text:** Intro Stats, 3rd ed. by De Veaux, Velleman, and Bock. Pearson, Addison-Wesley, 2009. Purchase of a new text includes web access. Otherwise, web access must be purchased from Pearson. The entire text is online.

**V. Course Outline:** All parts of the text will be covered. Major sections are

I-III	Understanding Data	weeks 1 - 3
IV	Probability and Random Variables	weeks 4 - 5
V-VI	Sampling and Inferential Statistics	weeks 7 - 12
VII	Regression Analysis	weeks 13 - 16

## **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 for the exams.
- **Special Accommodations Policy:** If you have specific physical, psychiatric, or learning disabilities and require accommodation, 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.
- **Administrative Drop from Class:** if a student is not present for the first three classes, he or she will be administratively dropped from the class.