

Economics 3818 - 100
Professor Waldman
Course Information

Economics 3818 - 100 EDUC 220 TR 8:00 - 9:15 Education 220 August 28, 2007
Website for Addison Wesley MyCourse Compass: [www.coursecompass.com/](http://www.coursecompass.com/waldman05946)
Course ID: waldman05946

Instructor: Professor Donald M. Waldman
Office and hours: Econ 108, T: 9:30-11:30 am, R 8:30 - 9:30 p.m., and by appointment
email: waldman@colorado.edu

Teaching Assistant: Gregory Pac
Office and hours: TBA
email:

Recitation Time and Locations:

- 111 W: 12 - 12:50 a.m., DUAN - G1B27
- 112 M: 4 - 4:50 p.m., Econ 117
- 113 W: 11:00 - 11:50 am., KTCH 235

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* given in class throughout the semester. These quizzes will be worth a total of 10% of the final grade.
- *Two midterm exams* (15% each), given Thursday, September 27, and Thursday, November 1. 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 6, except for September 27 and November 1 (midterm exams), and November 22 (Thanksgiving). Most problems will be taken from the text. The recitation sections, held before Thursday in the week, are a good opportunity to discuss problem sets. Problem sets will be graded and returned in recitation, and cannot be accepted after the due date.
- *Final exam*, Wednesday, December 19, 1:30 p.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. I will indicate on the first day of class who is so listed.

IV. **Text:** Introductory Statistics, 8th ed. by Neil A. Weiss.

V. **Course Outline:** Parts I through IV of the text will be covered. Major sections are

I and II.	Introduction and Descriptive Statistics: weeks 1 - 3
III.	Probability and Random Variables: weeks 4 - 8
IV.	Inferential Statistics: weeks 9 - 15

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.