Economics 3818 - 010
Course Information

Economics 3818 - 010, Tuesday-Thursday, 12:30-1:45, Duane G125

Web site for Addison Wesley MyCourse Compass:
                www.coursecompass.com/

Course ID: waldman97329

Instructor: Professor Donald M. Waldman
Office and hours: Econ 108, Econ 108, Tues/Thurs 11 - 12, and by appointment.
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Teaching Assistant: Kenton White
Office and hours: Econ 401. M 3-5, W 2-3
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Recitation Time and Locations:

011	4:00-4:50	Wed	EKLC		E1B75
012	3:00-3:50	Wed	HLMS		104
013	5:00-5:50	Mon	ECON	205	

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 practice. The course will use Microsoft Excel to do data analysis on real-world data.

II.   Requirements: You must have access to the Pearson CourseCompass web site, for online quizzes and problem sets, and class notes. Purchase online for $78 (but see IV. below). Course grade will be determined by:

- *Two Midterm exams* (20% each), Tuesdays, February 15th and March 15.

- *Weekly Problem sets* (25% of course grade), completed online;

- *Final exam*, Tuesday, May 3, 4:30 p. m. (35%).

Course grades will be assigned as follows, based upon overall course score:

< 60	61-65	66-69	70-73	74-76	77-79	80-83	84-86	87-89	90-92	93+
F	D	D+	C-	C	C+	B-	B	B+	A-	A

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: <u>Intro Stats</u>, 3rd ed. by De Veaux, Velleman, and Bock. Published by Pearson, Addison-Wesley, 2009. Purchase of a new text is *not* required, but it does includes web access, which *is* required. Otherwise, web access must be purchased from Pearson, which can be done online for $78, and the entire text is online with purchase of web site access.

Lectures will only approximately follow the text. The text covers some topics that are not part of this course, and does not treat other topics that are part of the course. Mathematical notation is a learning obstacle in statistics, and I will attempt to use the same notation as the text. The study plan, practice exams and quizzes available on the Pearson web site are all useful tools to learning.

V. Course Outline

We will cover most of Parts I and III - VI in the text. The omitted parts cover the econometric model call *regression analysis*, the subject of Econ 4818.

VI. Miscellaneous

• **Hardware and Software**: Microsoft Excel will be used for data analysis. Although not required, 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 simple 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 dishonestly 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.