Economics 3818 - 100
Course Information

Lecture: MWF 11:00 - 11:50 am, Hale 270

Instructor: Professor Donald M. Waldman, Econ room 108

Tentative office hours: M/W 12:00pm - 1:30pm, and by appointment

Email: waldman@colorado.edu

Course web site: D2L

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, including estimation and hypothesis testing. 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 hypothetical and real-world data.

II.   Requirements (% of course grade)

• *Three midterm exams* (15% each), given in class, dates to be announced;

• *Weekly Problem sets* (20%);

• *Final exam* (20%), Tuesday, May 6, 7:30pm;

• *Weekly quizzes* (15%), given in recitation.

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

60	60-65	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. The latter prerequisites (math) are strictly enforced. If you are listed as not meeting the course prerequisites, please send me an email indicating that you have indeed met them.

IV. Text: Caniglia, Statistics for Economists, An Intuitive Approach, HarperCollins Publisher, 1991 (out of print, but available in soft cover at the CU bookstore for $60). There

is no disk or key to unlock a publisher web site associated with this book, and there is only one edition, so that any used copy is equivalent to a new copy. At this date there are 18 used, hard copies available on Amazon, also for $60. The text has been used for this course at CU for the last three semesters.

V.   Course Outline

Lectures will approximately follow the text, beginning with chapter 5 and ending with chapter