# Syllabus

## Introduction to Econometrics - Economics 4818 - Fall 2007

**Instructor:**      **Kremena Platikanova, Ph.D.**

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**Office:**          **Economics 14C**
**Office hours:**    **MWF 11:00-12:30, TR 2:00-3:30**

**Class Schedule:**   **ECON 4818-001 meets MWF 2:00-2:50, ECON 117**
                      **ECON 4818-002 meets TR 12:30-1:45, ATLS 1B31**

## Course Description

Economics 4818 is an introduction to econometric theory and applications. This course will cover basic econometric methods and how to apply them to economic questions. You will use the econometric software EViews to complete econometric tests and estimation exercises.

## Prerequisites

**The prerequisite for this course is Economics 3818, Introduction to Statistics with Computer Applications, or its equivalent.** The course requires familiarity with probability and statistics. The necessary concepts in probability and statistics are summarized in Appendices B and C of the text. Appendix A reviews some basic algebra and calculus tools, which are useful for understanding the material in this course.

## Text

*Introductory Econometrics: A Modern Approach (3rd Edition)*, by Jeffrey Wooldridge. I will follow the text closely. Keep up with the readings. It is essential for success in this class. However, the textbook is not a substitute, but a complement, for class attendance.

## Software

The software for the course is EViews and it is available in the Economics Computer Lab. Students who want to purchase their own version can do so at http://www.eviews.com/eviews4/eviews41s/evstud41.html. The Student Version EViews 4.1 costs $39.95.

## Evaluation

Your grade will be determined by four components. Two midterm exams are 20% each (total of 40%) and a final exam is 30%. The problem sets and computer exercises are the remaining 30%.

## Assignments

I will assign problem sets and computers exercises. **Late assignments will not be accepted.** During the semester, I will randomly choose which assignments to grade.

## Tentative Course Schedule

Text chapters are in parentheses.

I.      Introduction (Ch. 1)

II.     Review of Mathematics and Statistics (Appendices A, B and C)

III.    The Simple Regression Model (Ch. 2)

IV.     Multiple Regression Analysis: Estimation (Ch. 3)

V.      Multiple Regression Analysis: Inference (Ch. 4)

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University policies regarding Sexual Harassment and Amorous Relationships are available at http://www.colorado.edu/odh/.  The Office of Discrimination and Harassment can be reached by telephone at 303-492-2127. The Office of Judicial Affairs can be reached at 303-492-5550.

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