

Applied Econometrics
ECON 5370 CRN 17173
BUSN 302
Fall 2017

Mondays and Wednesdays 1:30pm – 2:50pm

Professor: Dr. Daniel Pastor

Office Location: 224 COBA

Office Hours: **Mondays and Wednesdays, 3:00pm – 4:00pm, or by appointment**

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I. INTRODUCTION

This syllabus contains important information concerning the course and work expected of you. In order to avoid misunderstandings, please read it very carefully and ask any questions you may have.

Course Objectives

This is a graduate level course in applied econometrics and will primarily consist of in-class lectures, but will also include assigned readings, written homework assignments, and out-of-class computer exercises.

Topics covered include hypothesis testing, ordinary least squares regression, classical modeling assumptions and departures, as well as a variety of special application topics. The objectives of this course are to increase student access to academic literature, prepare them to complete a graduate thesis project, and enable them to compete for various employment opportunities.

II. Required Information

Textbook

Required: Introductory Econometrics: A Modern Approach, 6th ed. By Jeffrey M. Wooldridge, Cengage Learning, 2016. ISBN-13: 978-1-305-270107

Tentative Lecture Outline (Subject to change based on time or other unforeseen factors)

Topics and Textbook Chapters

- Chapter 3: Multiple Linear Regression
- Chapter 4: Inference
- Chapter 5: OLS Asymptotics
- Chapter 6: Further Issues
- Chapter 7: Dummy Variables
- Chapter 17: Limited Dependent Variables
- Chapter 8: Heteroskedasticity
- Chapter 9: Specification Issues
- Chapter 10: Basic Time Series Regressions
- Chapter 11: Issues with Time Series Data
- Chapter 12: Serial Correlation

Midterm Exam – Wednesday, October 18

Key Dates:

September 4: Labor Day – University closed

November 3: Last day to withdraw from classes.

November 23-24: Thanksgiving Holiday – University closed

December 7: Last day of classes

Reading Assignments

Reading assignments will be posted prior to each lecture and will be occasionally be accompanied by links to online lectures. You are expected to complete the assigned readings for each lecture prior to attending class. You are responsible for all assigned material. Lectures will follow the textbook but will not necessarily cover all the material. While reading through the chapters be sure to work through each of the examples presented.

Homework

Homework assignments will be available on BlackBoard and will be due one week after being posted. Late homework will not be accepted. The assignments are to be used to check your understanding of the material and to help you work through some of the technical issues in this course.

I strongly urge the students to use the homework as preparation for the exams. Econometrics cannot be learned passively and the problem sets are a part of active learning. In addition, it may be helpful to work on the assignments with another student, however, each student must turn in his or her own work.

Exams

There will be two exams: One midterm and one final. **Exams are closed book, closed notes.**

Due to its comprehensive nature, the final exam requires the students to have knowledge from previous chapters. Econometrics is cumulative by nature, and the final exam is cumulative as well. Exams are closed book, closed notes.

Please note the date of the **Final exam**:

Wednesday, December 13 from 4:00pm – 6:45pm

If you have a conflict with this date, contact me *at least 2 weeks in advance* to make alternate arrangements. In addition, anyone who does not take both exams will receive a failing grade.

It cannot be emphasized enough that the material covered in this course is cumulative; what is presented in subsequent weeks depends heavily on material presented in previous weeks. If you get behind or have difficulty early on, do not delay getting help or you will have more difficulty as the course proceeds.

Evaluation Criteria

There are no exceptions to the grading policy. I sympathize with students who are close to the cutoff for the next higher grade; however, it is unfair to others to give special consideration to any student.

Grading is as follows:

Problem sets:	30%
Midterm:	35%
Final Exam:	35%

FINAL LETTER GRADING SCALE

Grade	Percent
A	90-100
B	80-89
C	70-79
D	60-69
F	< 60

Make-up Policy

A mid-term exam may be rescheduled under 2 circumstances only:

- (1) **Religious holidays** – Requests for an alternative date for the final must be made in writing, at least 1 week in advance of the exam.
- (2) **Medical emergencies** - Requests must be accompanied by a signed document from a health professional that indicates the nature of the illness, and the reason that the exam could not be taken. In case of emergencies, **the student must contact me within 24 hours of the exam start time**; failure to do so will result in a zero exam score.

Other case will be subject to my discretion provided contact is made prior to the exam date.

III. MISCELLANEOUS

Notice of Policy on Cheating

Students are expected to conduct themselves with integrity in all aspect of this course. Students who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure of the course and dismissal from the university. Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to any student or the attempt to commit such acts. Regents' Rules and Regulations, Part One, Chapter IV, Section 3, Subsection 3.2, Subdivision 3.22.

Cheating includes, among others: (1) copying from the exam of another student, engaging in written, oral, or any other means of communication with another student during an exam, or giving aid to or seeking aid from another student during an exam; (2) possession and/or use of materials during a test that are not authorized by the instructor, such as class notes, books, or specifically designed cheat sheets; (3) using, obtaining, or attempting to obtain by any method the whole or any part of an un-administered test, test answer key, homework solution; (4) collaborating with or seeking aid from another student for an assignment without authority; (5)

substituting for another person or permitting another person to substitute for one's self, or to take an exam; (6) falsifying academic work for credit.

Plagiarism means the appropriation, buying, receiving as a gift, or obtaining by any other means another's work and the unacknowledged submission or incorporation of it in one's own academic work offered for credit.

Collusion means the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any provision of the rules on scholastic dishonesty.

Since scholastic dishonesty harms the individual, all students, and the integrity of the university, policies on scholastic dishonesty will be strictly enforced.

Class Etiquette

I will make every effort to begin class promptly and end class on time. If you arrive late/leave early, please make every effort to do so quietly. Out of consideration for your classmates and the instructor, please refrain from talking with your neighbors during class.

No electronic devices will be allowed during exams. Cell phones and other devices must be turned off.

Please make sure your cell phones and other electronic devices are turned off while you're in class.

Campus Carry

Persons who hold a Concealed Handgun License can lawfully carry their gun into a UTEP classroom as long as it remains concealed. Open carry remains prohibited on campus. Should you feel someone is intentionally displaying a gun (or any other weapon for that matter), do not hesitate to call Campus Police (X 5611) or 9-1-1. For more information on campus carry, see <http://sa.utep.edu/campuscarry/>; for more information on overall campus safety, see <http://admin.utep.edu/emergency>.

Students with Disabilities

If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass. *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*

Please be aware that a delay in getting accommodation letters for the current semester may hinder the availability or facilitation of those accommodations in a timely manner. Therefore, it is in your best interest to get your accommodation arranged as early in the semester as possible.