



Department of Economics Course Outline

		Term:	Fall 2007
Course:	Economics 495 Introduction to Econometrics I	Section:	01
Time:	MWF 13:00 – 13:50	Place:	SS 113
Instructor:	Daniel V. Gordon	E-mail:	dgordon@ucalgary.ca
Office:	SS 430	Office Hours:	TBA

Textbook(s):

Required: Wooldridge, Jeffrey M., *Introductory Econometrics*, Thomson, South Western, 2nd edition.

Book(s) on Reserve:

- (1) James H. Stock and Mark W. Watson, *Introduction to Econometrics*, Addison Wesley, 2003.
- (2) J. Scott Long, *Regression Models for Categorical and Limited Dependent Variables*, 1997, Sage.
- (3) Robert Pindyck and Daniel Rubinfeld, *Econometric Models and Economic Forecasts*, 1998, McGraw-Hill.

Course Outline:

This course will focus on the theory and application of the multi-variate linear regression model. The least squares estimators will be the principal tool for model estimation. The course will emphasize the fundamentals of regression models and deal with model specification, estimation and hypothesis testing. Students will be introduced to both time series and panel data models.

Readings for first week of Class:

Review your Statistics 213 and Economics 395 notes.

Week	Topic	Readings^{a)}	Notes
1	Stats review and simple regression model	Chapters 1 & 2 and review Stats. 213 and Econ. 395 notes.	Classes Start Monday Sept. 10
2	Multi-regression Model: estimation	Chapter 3	
3	Multi-regression Model: inference	Chapter 4	
4	Multi-regression Model: asymptotics	Chapter 5	
5	Multi-regression Model: other issues	Chapter 6	Monday Oct 8. No Class. Midterm, Friday October 12
6	Dummy Variable Models	Chapter 7	
7	Heteroskedasticity	Chapter 8	
8	Data Issues	Chapter 9	
9	Time Series Models	Chapter 10	Midterm, Friday November 9
10	Time Series Models	Chapter 11	Monday November 12 No Class
11	Time Series Models	Chapter 12	
12	Panel Data Models	Chapters 13 and 14	
13	Instrumental variables	Chapter 15	Classes End Friday December 7
<p>Final examination scheduled by the Registrar's Office. ^{a)} All readings from Wooldridge</p>			

Grade Determination and Final Examination Details:

Five (5) Exercises @ 8% each	40%	
Two (2) Midterm Exams @ 15% each*	30%	October 12 and November 9, 2007
Final Exam	30%	
	<u>100%</u>	

Exercises, midterms and final exams are marked on a letter basis, then converted to the Universities grade point value. The course grade is then calculated using the weights indicated above. As a guide to determining standing, these letter grade equivalences will generally apply:

A+	95 – 100	B	73 – 76	C-	60 – 62
A	85 – 94	B-	70 – 72	D+	56 – 59
A-	80 – 84	C+	67 – 69	D	50 – 55
B+	77 – 79	C	63 – 66	F	0 – 49

If, for some reason, the distribution of grades determined using the aforementioned conversion chart appears to be abnormal the instructor reserves the right to change the grade conversion chart if the instructor, *at the instructor's discretion*, feels it is necessary to more fairly represent student achievement.

A passing grade on any particular component of the course is not required for a student to pass the course as a whole.

Non-programmable calculators will be allowed during the writing of tests or final examinations.

There will be a Registrar scheduled final examination, lasting 2 hours and held in a classroom.

Tests and exams may involve multiple choice questions.

Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) should discuss their work with the Instructor *within 15 days* of the work being returned to the class.

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

Students' Union Vice President Academic:

Brittany Sargent
 Phone: 220-3911
 E-mail suvpaca@ucalgary.ca

Students' Union Faculty Representative (Social Sciences)

Nav Thind

Phone: 220-3913 Office: MSC 251

E-Mail socialscirep@su.ucalgary.ca

Society of Undergraduates in Economics (S.U.E.)

www.ucalgary.ca/~sue

Notes:

- Students seeking reappraisal of a piece of graded term work should discuss their work with the Instructor within fifteen days of the work being returned to the class.

Safewalk / Campus Security: 220-5333
