



Department of Economics Course Outline

		Term:	Winter 2011
Course:	Economics 495 Introduction to Econometrics I	Section:	01
Time:	TR 15:30- 16:45	Place:	SH 262
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, 4th 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.	Class begins Tuesday January 10, 11
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	
6	Dummy Variable Models	Chapter 7	February 20-27 Reading Week Midterm March 3, 2011
7	Heteroskedasticity	Chapter 8	
8	Data Issues	Chapter 9	
12	Panel Data Models	Chapters 13 and 14	
13	Instrumental variables	Chapter 15	
9	Time Series Models	Chapter 10	
10	Time Series Models	Chapter 11	
11	Time Series Models	Chapter 12	Classes End April 15, 2011
Final examination scheduled by the Registrar's Office.			
^{a)} All readings from Wooldridge			

Grade Determination and Final Examination Details:

Five (5) Exercises @ 8% each	40%	
Midterm Exam	25%	March 3, 2011
Final Exam	35%	
	<u>100%</u>	

Exercises, midterms and final exams are marked on a letter basis, and 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

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.

Tests and exams may involve multiple choice questions.

Students' Union Vice-President, Academic

Alyssa Stacy

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Notes:

- Students seeking reappraisal of a piece of graded term work (term paper, essay, etc.) should discuss their work with the Instructor within fifteen 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

403-220-8237. 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.

Safewalk / Campus Security: 403-220-5333
Emergency Assembly Point – Professional Faculties Food Court
