



Department of Economics Course Outline

Course:	Economics 495 Introduction to Econometrics I	Term:	Winter 2012
Time:	MWF 10:00 – 10:50	Section:	01
Instructor:	Daniel J. Dutton	Place:	MS 527 (subject to change)
Office:	SS 405	Telephone:	(403) 210-8870
Office Hours:	TBA	E-mail:	duttond@ucalgary.ca

Textbook(s):

Required:

Wooldridge, Jeffrey M., Introductory Econometrics, A Modern Approach, 4th edition.
South-Western, CENGAGE Learning.

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. An emphasis will be placed on interpretation of model results and practical use of these tools.

Grade Determination and Final Examination Details:

Four (4) Exercises @ 10% each	40%
Midterm Exam	25%
Final Exam	<u>35%</u>
	100%

Tests and final exams are marked on a numerical (percentage) basis, then converted to letter grades. 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 will not involve multiple choice questions.

Students' Union Vice-President Academic:

Ola Mohajer

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Students' Union Faculty Representative (Arts)

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

www.ucalgary.ca/sue

Society of Undergraduates in Economics is a student run organization whose main purpose is to assist undergraduate economics students succeed both academically and socially at the University of Calgary. Services include access to the exam bank, career partnerships with the Career Centre through hosting industry nights and information sessions, recognizing achievements in teaching, and organizing social events for members. Join now by contacting sue@ucalgary.ca.

Faculty of Arts Program Advising and Student Information Resources

- Have a question, but not sure where to start? The new Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS110, call us at 403-220-3580 or email us at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at (403) 220-5881 or visit them in their new space on the 3rd Floor of the Taylor Family Digital Library.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

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 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: 220-5333
Emergency Assembly Location – SS Food Court

DD/mi
2011-11-03

Week	Topic	Readings (All from Wooldridge)
1	Review and the Simple Regression Model	Chapter 1 & 2
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 (Binary) Models	Chapter 7
7	Heteroskedasticity: An intimidating word	Chapter 8
8	Data Issues and Manipulation / Model Specification	Chapter 9
9	Time Series Models: Basic	Chapter 10
10	Time Series Models: Nuances	Chapter 11
11	Time Series Models: Applied	Chapter 12
12	Panel Data Models: Cross-sections across time.	Chapter 13 & 14
13	Instrumental Variables: A specification quick-fix?	Chapter 15