



## Department of Economics Course Outline

**Course:** Economics 715  
[Advanced Topics in Econometrics]

**Term:** Fall 2013

**Time:** TR 9:30 – 10:45

**Section:** 01

**Instructor:** Atsuko Tanaka

**Place:** SS 403 (subject to change)

**Office:** SS 432

**Telephone:** 403 (220) 6709

**Office Hours:** By Appointment

**E-mail:** atanaka@ucalgary.ca

### Textbook(s)

*Mostly Harmless Econometrics: An Empiricist's Companion*, by Joshua Angrist and Jorn-Steffen Pischke, Princeton University Press, 2008.

**Book(s) on Reserve:** None

### Course Outline

Welcome to Economics 715. The purpose of this course is to teach students how to use statistical procedures in empirical studies of economic models and master the “toolkit” of contemporary microeconomic practice. During the next 15 weeks, we will explore estimation of various types of treatment effects. By the end of this course, you will be ready to understand and critique academic journal articles and to participate in academic seminars in empirical economics.

Please Note: In planning this course, I assume students are prepared to work with graduate-level mathematical, economic, and econometric concepts. Familiarity with Stata or another programming language such as GAUSS, R, or Matlab is required. I will provide a more detailed course outline on the first day of class.

### Grade Determination and Final Examination Details

Midterm Examination --- 10 percent  
Problem Sets --- 20 percent  
Research Paper Proposal --- 20 percent  
Presentation --- 30 percent  
Final Examination ---20 percent

Tests and final exams will be marked on a numerical (percentage) basis and then converted to letter grades. Your course grade will be calculated using the weights indicated above. The following letter grade equivalences generally apply:

A+	97 – 100	B	82 – 85	C-	70 - 72
A	93 – 96	B-	79 – 81	D+	67 – 69
A-	89 – 92	C+	76 – 78	D	60 – 66
B+	86 – 88	C	73 – 75	F	0 - 59

### Course Policies

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

Calculators WILL NOT be allowed during the writing of tests or final examinations.

There will be a Registrar scheduled final examination, lasting 75 minutes.

Tests and exams will not involve multiple choice questions.

Students who are unable to write the midterm because of an illness, family emergency or religious observance will have the midterm weight shifted to the final examination. Documentation MUST be provided.

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

### Resources

*Disability Resource Center.* 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. Please note: It is the student's responsibility to request academic accommodations.

*Writing Resources.* Online writing resources are available at <http://ucalgary.ca/ssc/writing-support/online-writing-resources>.

Other Important Information:

Safewalk / Campus Security: 220-5333

Emergency Assembly Point: Professional Faculties Food Court

Alternative Assembly Point: Education Block Food Court

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