

Economics 466: Introduction to Econometrics
State University of New York at Binghamton
Department of Economics
Fall, 2009

Professor: Daniel J. Henderson

Lecture (A0): TR 8:30 – 9:55 AM, LH 005

Lecture (A1): TR 10:05 – 11:30 AM, LH 005

Office: LT 1002

Office Hours: TR 1:00 – 2:00 PM, or by appointment

E-mail: djhender@binghamton.edu

Phone: (607) 777-4480

Department Web Site: <http://econ.binghamton.edu/>

Course Web Site: <http://bingweb.binghamton.edu/~djhender/econ466.html>

Teaching Assistant: TBA

Discussion (A01): M 12:00 – 1:00 PM, S2 134

Discussion (A02): W 12:00 – 1:00 PM, S2 134

Discussion (A03): F 10:50 – 11:50 AM, AAG 004

Office:

Office Hours:

E-mail:

Course Description:

This course is designed to present the basic concepts of econometrics and, in particular, regression analysis. It will provide students with the skills and insight necessary for conducting their own regression analysis in general. The emphasis of the course is on the application of regression analysis to inference and hypothesis testing. The topics are geared to first-time regression users. However, the course goes beyond the rudimentary mechanics of regression analysis. It covers the consequences for inference, hypothesis testing of making various kinds of specification errors as well as the estimation of limited dependent variable models.

Textbook:

Introductory Econometrics: A Modern Approach, fourth edition

Wooldridge, South-Western: 2009, ISBN: 0324660545

Prerequisites:

Grades of C or better in college level statistics and calculus (A- required from 2-year school). Completion of ECON 360 and/or 362 recommended.

Grading Policy:

The course will consist of several homework assignments, two midterm examinations given on Thursday evenings (October 8 and November 12, 6:00-8:00 PM in LH 014), and one comprehensive final examination (December ??, ? :00-? :00 PM in ??). The course grade will be determined according to the following formula:

Homework	20%
Midterm I	25%
Midterm II	25%
Final Exam	30%

Note that homework assignments will require the student to use a statistical software package and to turn in output from that package. Simply writing down answers from the course website is not acceptable. Further note that no late assignments will be accepted.

Note that no make-up exams will be given. If a student misses a midterm examination for any reason, the weight of that examination will be added to that of the final examination (e.g. missing Midterm I would make the final worth 55% of the course grade).

Course Outline:

Mathematics for Econometrics

Single Variable Regression Model

Midterm I

Multiple Variable Regression Model

Dummy Variables

Midterm II

Heteroskedasticity

Specification and Data Problems

Final Exam

Note that the schedule is subject to change depending on the pace of the course.

ECONOMICS DEPARTMENT POLICY REGARDING MAKE-UP FINAL EXAMS

ALL make-up final exams in Economics will be given **Friday, December 18 from 8:00 to 10:00 AM**. All officially scheduled final exams are linked from the [BU Brain](#) – check **NOW** for conflicts. If a conflict exists you may request a make-up exam from the instructor of **ANY** of the conflicting courses. If you choose to request a make-up exam for an economics course, a sign-up list to request the make-up exam will be available in class after the add/drop deadline – ask the instructor. Students **MUST** make their request for a make-up exam in economics **NO LATER THAN FRIDAY, October 9**.

It is **the student's responsibility** to learn from the instructor if the request has been approved. Only students who are approved may take a make-up final exam. Students who have not requested a make-up exam in an economics course by **October 9** will be required to resolve conflicting exams with the instructor in one of their other courses.

Make-up exams are approved **ONLY** for the following conditions:

- Conflicts with the **OFFICIAL** final exam schedule (e.g. exams at the same time or more than two exams within 24 hours).
- **DOCUMENTED** personal illness or family emergency.

REQUESTS FOR INCOMPLETES (FROM THE 'BULLETIN')

“A notation of incomplete, rather than a grade, may be reported by the instructor when a student has not been able to complete a course for what, in the instructor's judgment, is a compelling reason. The submission of an incomplete means that a student has made a substantial commitment to the course, but some remainder of the work must still be accomplished before an evaluation can be made.” Students may not retake (sit in on) a course in a subsequent semester in order to complete an incomplete.