

## SYLLABUS

**Course Description:** This course is designed to introduce students to econometrics, the application of mathematical statistics to economic data. You will first learn how to compute Ordinary Least Squares. Then the course reviews and builds on univariate methods developed in the prerequisite Statistics course, and then develops elementary methods in regression analysis, the basic tool of econometrics.

**Required Textbook:** *Using Econometrics: A Practical Guide -- Fifth Edition*, 2006 (New York) Peason/Addison-Wesley, by A. H. Studenmund.

**Website:** <http://economics.sbs.ohio-state.edu/ogaki/index.html> Click the Econ 444 link, and there will be overhead transparencies and other course materials.

**Homework exercises:** Homework exercises will count for 30% of your grade. For some questions in the exercises, you will use the Microsoft Excel spreadsheet program and Eviews. Excel and Eviews are available at Arps Hall 318 (Experimental Economics Lab) and Arps Hall 305 (Economics Computer Lab). If you provide me with your name and Buck ID number, an arrangement will be made to give you an access to these labs during this quarter. Please **never** use any computer in these labs except for the purpose of this course. Group discussions of the exercises is fine, but each student must submit computer output with his/her own name to receive any credit.

You are required to use Eviews for some questions. You may use another spreadsheet for this course, but I am not competent to answer questions about other spreadsheets. Make sure that your spreadsheet can compute a multiple regression.

**Term Paper:** This paper (maximum 5 pages) is due on November 21<sup>st</sup> (Wednesday), and will count for 15% of your grade. For this paper, you are required to run a regression on data, and interpret results. You are not to work with other students on this term paper.

**Exams:** There will be one midterm examination, given on October 24th (Wednesday) from 10:30 a.m. to 12:18 p.m., counting for 25% of your grade. The final examination, given on December 5th (Wednesday) from 7:30 a.m. to 9:18 a.m., will count for the remaining 30%. Calculators are allowed in the exams.

No make-up exams will be given unless an acceptable official document such as a medical statement from a doctor is supplied as soon as possible. I do not accept any document after one week from the exam except under special circumstances. If a student misses an exam and does not supply an acceptable official document, the student will receive a grade of zero for that exam.

**Extra Credit:** Opportunities to earn extra credit are given in class (for example, by answering a problem in class). No opportunities to earn extra credit are available after the course is over because it is not fair for some selected students to obtain such opportunities based on their needs to obtain better grades.

**Grading Policies:** If a grading error is suspected, then the student should make a written request for a regrading of the examination within two weeks after its return. This request should clearly indicate the nature of the student's appeal concerning the grading of the examination, including a statement of how many additional points are requested on which exam questions and why additional points are in order.

**Office Hours:** Office: 448 Arps hall, Phone 292-5842, e-mail [ogaki.1@osu.edu](mailto:ogaki.1@osu.edu), Office hours: Thursday 1:30-3:00 P.M. and Friday 3:30-5:00 P.M.

This syllabus and other class materials are available in alternative formats upon request. Students with disabilities are responsible for making their need known to the instructor and seeking assistance in a timely manner. For more information, please contact the Office of Disability Services at 292-3307.