Instructor: Aprajit Mahajan, Landau 233, 723-3864, E-mail: amahajan@stanford.edu
Office Hours: Th 3:15-5:15
Secretary: Patricia Luna, Landau 260, 723-9767, E-mail: luna@stanford.edu
Time and Location: T, Th 1:15 - 3:05, Landau 140
Section: Friday 9-11 Landau 140.
Teaching Assistant: Peyron Law, Landau 348/Cube 355, 725-8929, E-mail: plaw@stanford.edu
Office Hours: Tue 4-6
Objectives: 271 will introduce the linear regression model and develop tools associated with it. This part of the course will follow “Econometrics” by Fumio Hayashi (Princeton University Press) which is available at the Stanford Bookstore. The material we will cover will correspond to Chapters 1, 2, 3 and 6 of the text. Another reference that is also available at the Bookstore, although you do not have to purchase it, is “Econometrics of Cross-Section and Panel Data” by Jeffrey Wooldridge. Other useful books are “An Introduction to Classical Econometric Theory” by Paul Ruud and “Econometric Theory and Methods” by James MacKinnon and Russell Davidson. In addition, “A Course in Econometrics” by Arthur Goldberger and “Econometric Analysis” by William Greene may also be helpful. For those interested in Time-Series Econometrics a good reference is “Time Series Analysis” by James Hamilton.

Grading: Your grade for this part of the course will be based on your performance on problem sets and a final exam which will be administered at the end of the second part of the course. The problem sets will carry a total weight of 25%. There will be approximately 5 problem sets which will be graded by Peyron and discussed in precept. You may work on the assignment in teams; if you do, please hand in only one assignment for the entire team.
Econ 271: Intermediate Econometrics Part 2
Stanford University, Winter 2004

Lecture: Monday 1:15-3:05, Friday 1:05-5:00, Landau 140.
TA Section: Wednesday 1:15-3:05, Landau 140.
Professor: Edward Vytlacil
Office: Landau Economics Building, Room 231
Office Hours: Friday, 5:00pm - 7:00pm, and by appointment
Phone: 650-725-7836
E-mail: vytlacil@stanford.edu

TA:
- Peyron Law, plaw@Stanford.EDU
- Office Hours, TBA


**Prerequisite:** Econ 271, Part 1.

**Course Requirements**
- Problem Sets, 30% of your grade.
- Class Performance, 20% of your grade.
- Final, 50% of your grade.

Problem sets will be assigned each week, and due at the beginning of review section on Wednesday of the following week. All late homework will be assigned a grade of 0. You are allowed (encouraged) to discuss the problem sets with other students and to seek help from other students. However, you are **required to write up your own individual solutions, and to turn in your own individual solutions.** Turning in a problem set that is a duplicate or near-duplicate of the problem set turned in by another student will be a violation of the honor code, and will be treated as such. There will be an open book final exam. If there was an unambiguous mistake in the grading of a problem set or exam, you may request a regrade of the material. You should be aware that your grade may go up or down on the regrade request. All regrade requests should be in writing, stating exactly what was misgraded, and should be submitted to the TAs within one week of the date on which the material was returned to you. The request must be made within one week of the date on which material was returned to you.
**Students with documented disabilities:** Students who have a physical or mental impairment that may necessitate an academic accommodation or the use of auxiliary aids and services in a class must initiate the request with the Disability Resource Center (DRC). The DRC will evaluate the request along with the required documentation, recommend appropriate accommodations, and prepare a verification letter dated in the current academic term in which the request is being made. Please contact the DRC as soon as possible; timely notice is needed to arrange for appropriate accommodations. The DRC is located at 123 Meyer Library (phone 723-1066 Voice: 725-1067 TTY).

**Exam Dates**


**Tentative Outline for Course:**

Week: 1 Review of OLS, single equation GMM. Multiple equations GMM, including FIVE, 3SLS, and SUR.

Week: 2 MLE estimation. Simultaneous equation models, including LIML and FIML.

Week: 3 Limited Dependent Variable Models.