Instructor: Chang-Jin Kim (Office: Savery Hall 353; e-mail: changjin@uw.edu)
Class Hours: Mon., Wed. 8:30-10:20 am
Office Hours: Mon., Wed. 3:00 - 4:00 pm

Useful Textbook:
** Introductory Econometrics, by Jeffrey M. Wooldridge.

Prerequisites: Minimum grade of 2.0 in ECON 300, either ECON 311/STAT 311, MATH 390/STAT 390, or Q SCI 381.

Course Description
This course deals with applications of statistical modeling to empirical work in economics; Focuses on regression analysis; derivations of regression estimators and their properties; and applied computer work in estimating multiple regression models.

Grades:
Grades will be assigned on the basis of your performance on Three Exams: Two midterm exams (January 25, February 17) and a final exam (March 9) and assignments. All the exams are cumulative.

Important Notes:
Computer softwares to be used for the course are: Eviews and Gauss Programming Language.

Course Outline:
* Review of Basic Statistical Concepts
  Random Experiment, Sample Space, Random Variable, Population, Sample
* The Principle of the Ordinary Least Squares Method
* The Principle of Hypothesis Testing
* Multiple Regression Analysis
  Model set up and estimation
Hypothesis testing
* Generalized Least Squares (GLS)
  Heteroscedasticity
  Autocorrelation
* IV (Instrumental Variables) Estimation

POLICY
1. No make-up examinations.
2. no exceptions.