

KYIV SCHOOL OF ECONOMICS
Statistics and Econometrics for Business II, Fall 2014
Instructor: Maksym Obrizan

Time & Location: Please check the schedule

Instructor's Office: 210

Office Hours: whenever my office door is open (for questions not related to grading) or by e-mail appointment

E-mail: mobrizan@kse.org.ua or mobrizan@gmail.com

E-mail should be used only for organizational issues - if you have a question about the course material please see me in person.

Teaching Assistant: TBA

Textbook:

Wooldridge. 2003. Introductory Econometrics

Gujarati. 1995. Basic Econometrics. 3rd edition, McGraw-Hill.

Additional readings may be distributed in class.

Course Objective:

In term I you were introduced to statistical analysis and linear regression with a single variable. This term we will continue our exciting journey into model development and forecasting in business and economic applications. First, we will review the multivariate linear regression which is a working horse of modern econometrics. Then we will continue with hypothesis testing but now in a multivariate setting. The third part of the course will consider additional topics like dealing with dummy and categorical variables and handling cases when MLR assumptions are violated. The final part of the course will introduce you to time series analysis that has many financial and economic applications. The focus of the entire course is on real-life applications of the econometric techniques.

Tentative list of topics:

Multivariate Linear Regression (MLR): assumptions, properties and interpretation

Inference in MLR: hypothesis testing, confidence intervals, forecasting

Topics in MLR: dummy variables, violations of classical assumptions, causal interpretation

Time series analysis: ARMA models, seasonal models, forecasting

Grading:

Letter grades will be distributed according to standard KSE grading scale based on the following:

Assignment	% of Grade	Notes
Homeworks	30%	TBA (the lowest score will have 50% weight)
Unannounced Quizzes	10%	Two lowest scores dropped, number of quizzes 4-8
Course project	10%	
Midterm	20%	TBA
Final	30%	TBA

The purpose of unannounced quizzes is (i) to make sure that you do your reading not just before the exams and (ii) to check attendance (50% of the quiz score is given just for being present). There will be no makeups for quizzes that you miss. Final exam will be comprehensive - it will also include questions from the material taught before the midterm.

Policy on Student Attendance:

It is expected that you attend classes regularly. In the case of emergency when you must skip a class, it is your sole responsibility **to copy lecture notes from a classmate**. At least part of the exam material will be based on lectures and not on the textbook.

Policy on Re-Grading:

The instructor and the teaching assistant do their best to ensure impartial grading of your work. Thus, errors in grades are very rare. If you have such **an exceptional situation** when you suspect an error in the grade please follow the procedure below.

All re-grading requests should be made by e-mail. **Your teaching assistant is not allowed to change your grade on homeworks without my permission!** The only exception to this rule is algebraic error in adding scores (say $34+12$ was counted as 36 instead of 46). Your e-mail request should contain the following three statements:

1. I declare that I have carefully read Syllabus for this course.
2. I declare that I have carefully read Suggested Solutions to this assignment (if applicable).
3. I realize that the whole assignment **must** be re-graded and that my score can actually go down as a result of re-grading.

Please attach to your email a scanned copy of the **entire** assignment that you want to be re-graded. I will re-grade your entire assignment within 7 business days from your request.