



UNIVERSITY OF NEW YORK IN TIRANA

Econometrics Independent Study

Course: Macroeconomics

Lecturer: Nand Shani

Office Hours: By appointment

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Course Purpose

- To provide students with the basic concepts of data assessments, empirical economics, and regression analysis.
- To help students understand a regression output and provide initial experience running and interpreting regressions on the computer
- To introduce several techniques often used in econometric work and apply them to specific problems.

Required Readings, Text

[Ramu Ramanathan](#), 5-th edition, Introductory Econometrics, [Harcourt College Publishers](#), 2002

Content of the Course (tentative)

1. An Introduction to Econometrics
2. A Review of Probability and Statistics
3. The Simple Linear Regression Model
4. Hypothesis Testing and OLS
5. Multiple Regression Models

Midterm Exam

6. Multiple Regression Models
7. Violations of the Assumptions (Multicollinearity)
8. Functional Forms and Model Specification
9. Dummy Variables
10. Violations of the Assumptions (Heteroskedasticity)
11. Violations of the Assumptions (Serial Correlation)
12. Distributed Lag Models

Final Exam

General Requirements

Deadlines in the fields of economics are *critical*. Therefore, no late homeworks will be accepted and absence from tests will *not* be tolerated.

In the event of illness or emergency, contact your instructor IN ADVANCE to determine whether special arrangements are possible. The University's rules on academic

dishonesty (e.g. cheating, plagiarism, submitting false information) will be strictly enforced. Please familiarize yourself with the STUDENT HONOUR CODE, or ask your instructor for clarification.

STUDENTS: If you feel that you have special learning difficulties, please, make an appointment with Ms. A. Gramo. Ms. Gramo is trained to help students with learning difficulties. She shall provide this service to our students, just as it is offered in all American universities.

Evaluation

Homework/Assignments	50%
Midterm	20%
Final	30%

Grading Scale	96-100 A	90-95 A-	87-89 B+
	83-86 B	80-82 B-	77-79 C+
	73-76 C	70-72 C-	67-69 D+
	63-66 D	60-62 D-	0-59 F