[A-3]COURSE SYLLABUS

1. Course Description (Approximately 100 words)

The objective of this course is to prepare students for basic empirical work in economics. In particular, topics will include basic data analysis, regression analysis, testing, and forecasting. Students will be provided with the opportunity to use actual economic data to test economic theories

2. Course Goals and Objectives (Approximately 100 words)

On successful completion of this course, students will be able to:
-To deepen and broaden the students' knowledge and understanding of material needed for empirical quantitative analysis of micro and macro data relevant to development issues, building on the material covered in the second year intermediate econometrics course;
-To cover the theory and practice of modern econometrics at a level appropriate for an economics graduates, emphasizing application;
-To teach the students the habits of thought, knowledge and understanding to be able to carry out good quality applied econometric research with confidence;
-To develop the critical insight to appraise econometric results obtained by other researchers.
-The course is application oriented. Accordingly, the emphasis will be on application of techniques for policy analysis and will not be overly concerned with mathematical proofs.
-Develop the necessary skills needed for empirical research using modern econometrics

3. Textbook (Title, Author, Publisher, Year of Publication, etc.)

1. A Course in Econometrics by Arthur S. Goldberger (Author)
2. Introduction to Statistics and Econometrics Takeshi Amemiya
3. Introductory Econometrics: A Modern Approach Jeffrey M. Wooldridge

4. Reference

Using Econometrics: A Practical Guide (6th Edition) (Addison-Wesley Series in Economics)Jan by A.H. Studenmund

5. Course Requirements and Grades

CAT = 30%
ASSIGNMENTS =10%
EXAMINATION = 60%
TOTAL =100%

6. Course Calendar

Week	Main Content
1	INTRODUCTION
2	LIMITED DEPEDENT VARIABLES MODELS 1
3	LIMITED DEPEDENT VARIABLES MODELS 2
4	MULTINOMIAL PROBIT AND LOGIT 1
5	MULTINOMIAL PROBIT AND LOGIT 2
6	ORDERED PROBIT AND LOGIT
7	CAT / ASSIGNMENT
8	PROBIT AND LOGIT MODELS
9	QUANTILE REGRESSION 1
10	QUANTILE REGRESSION 2
11	SPATIAL ECONOMETRICS
12	SURVIVAL ANALYSIS MODELS
13	REVISION AND SUMMARY
14	EXAMINATION