August 19, 2024

Measurement & Analysis of Economic Activity (ECO 3410)
U01-86728
Department of Economics, Florida International University (MMC)
Fall 2024 (Aug 26 – Dec 14)

Instructor: Prasad Bidarkota
Lectures: T, R 11:00-12:15 DM 193
Office Hours: T, R 10:00-10:50 DM 320A & by appointment

E-mail: bidarkot@fiu.edu
Office: DM 320A   Tel: (305) 348-6362

Textbook

Essentials of Econometrics by Damodar N. Gujarati & Dawn C. Porter, 5th Edition, McGraw Hill Irwin Publishers, ISBN: 978-1-07-185039-8

The textbook is required reading material and all students are expected to obtain personal copies for use in this course.

Prerequisites

The formal prerequisites for this course are STA 2023 / STA 2122.

Note: You should NOT take the course at this time if:
- You do not satisfy the above prerequisites, or
- You have a final exam conflict

Course Objectives

Here is the Course Description from FIU Undergraduate Course Catalog -- ECO 3410 Measurement and Analysis of Economic Activity (3). Covers statistical methods as applied in economics. Topics include estimation and hypothesis testing, analysis of variance, and single and multiple regression models. Prerequisites: STA 2023 or equivalent. Satisfies requirement in computer literacy. (F,S) The course prepares students for a rigorous study of regression analysis. Continuing with the material from STA 2023 / STA 2122, we introduce various techniques for exploratory data analysis. We learn several important discrete and continuous random variables in some detail, point and interval estimation, and hypothesis testing. At the end of the course, students will be well placed to undertake further studies in econometrics such as Eco 4421.
Please also find attached to this syllabus a departmental document providing guidelines on course content.

Assessment
  The course assessment will consist of several homework and computer assignments together worth 30%, two midterm examinations worth 20% each, and a final exam worth 30%.
  The midterms will be held during regular lecture hours roughly after the 6th and 12th weeks.
  Final examination will be held on Thursday Dec XX from 9:45 until 11:45 am in the regular lecture room.

Guidelines for Submitting Homework and Computer Assignments
  Homework and computer assignments will be given throughout the semester on all major topics covered in the course. Each assignment will consist of several questions, analytical and computational, frequently from the back of the chapters in the textbook. Students are responsible for answering all the questions assigned for each homework.
  Students are encouraged to work in collaboration with a partner on their homework and computer assignments. Only *one copy* of the homework / computer assignment is to be handed in between every *two* students.
  Although I do not expect typed homework submissions, these nevertheless have to be neatly written, stapled, concise yet complete, and include all relevant computer output where appropriate.
  Solutions to the homework questions will be discussed in class.
  Late assignments will not be accepted for any reason whatsoever.

Makeup Examination
  There will be no makeup examination under any circumstances.

Grades
  The final course grade will be based on the cumulative total score in the course comprising of the scores on the homework and computer assignments, midterm, and the final exam. Letter grades will be based on the distribution ("curve") of these final scores of all students in the course. Depending on the overall performance of the students, the minimum total score required to obtain a particular grade ("the cutoff") will be determined at the end of the semester.