



## **ECO 3410**

### **Measurement and Analysis of Economic Activity**

Section: U01

In Person

Fall Term 2025

### **Course Meeting Information**

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Instructor: Prasad Bidarkota

Lectures: T, R 11:00-12:15 GC 278 B

Office Hours: T, R 10:00-10:50 DM 320A & by appointment

E-mail: [bidarkot@fiu.edu](mailto:bidarkot@fiu.edu)

Office: DM 320A Tel: (305) 348-6362

Class meeting times	
Day:	TR
Time:	11:00-12:15
Location:	GC 278 B

## Professor Information

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Prasad Bidarkota

**Roles:** Primary Instructor

**Email:** [bidarkot@fiu.edu](mailto:bidarkot@fiu.edu)

**Response Time:** 48 hours

**Phone:** (305)348-6362

**Office Hours:** T, R 10:00-10:50 & by appointment

**Office Location:** DM 320A

**Department or Academic Unit:** Economics

## Course Prerequisites

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Course prerequisites, if any, are listed below.

Prerequisites: (STA2023 or STA2122)

## Course Description and Purpose

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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.

## Textbook and Course Materials

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## **Essentials of Econometrics**

**Required/Recommended:** Required

**Authors:** Damodar N. Gujarati & Dawn C. Porter

**Publisher:** Sage Publishers

**Publication Date:** 2022

**Copyright Date:** 2022

**ISBN 10:** 2021012627

**ISBN 13:** 978-1-07-185039-8

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

**Description:** Latest is 5th Edition. But, any edition will do.

### **Panther Book Pack**

The Panther Book Pack rental program provides your required print and digital course materials at a flat rate of \$20 per undergraduate credit hour. When you registered for your classes this session, you were notified via email of the required course materials that are included in the Panther Book Pack.

Make sure to review the pricing for all materials across your classes this semester and compare the cost to the Panther Book Pack flat rate. If the Panther Book Pack is not your best option, you may opt out up to three days after the add/drop deadline. The deadline to opt back into the Panther Book Pack is also three days after the add/drop deadline.

If you do not opt out of the Panther Book Pack rental program, you will be charged \$20 per undergraduate credit hour for which you are registered and the course materials will be reserved in your name. For more details and to learn how to access your course materials, visit [onestop.fiu.edu/bookpack](https://onestop.fiu.edu/bookpack).

## **Student Learning Outcomes/Objectives**

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Student learning outcomes allow faculty to assess the level of proficiency in content knowledge and skills that their students acquire in a course.

If the objective meets a special designation, you will see the code after the objective:

University Core Curriculum: UCC

Gordon Rule Writing: GRW

Global Learning: GL

Civic Literacy: CL

- At the end of the course, students will be well placed to undertake further studies in econometrics such as Eco 4421.

## Expectations of the Course

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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 hard copy* of the homework / computer assignment is to be handed in between every *two* students. However, each student must load individually their HW onto Canvas.

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.

## Policies & Resources

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Before starting this course, please review the Policies & Resources Page in Canvas which includes comprehensive information on various University and Course Level Policies such as:

- University Policies
- Accessibility and Accommodations
- Online Etiquette
- Technical Requirements and Skills
- Computer & Digital Literacy Skills
- Course Technology Accessibility Statements and Privacy Policies
- Academic Integrity
- Copyright Statement
- Core Principles of This Course
- Nondiscrimination Statement
- Panthers Care & Counseling and Psychological Services (CAPS)
- Fair Use Policy

## **Grading**

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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.

## Canvas Schedule

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Due Date	Assignment Name	Assignment Type	Points
	<a href="#">Roll Call Attendance</a>	Assignment	100
	<a href="#">Welcome</a>	Discussion	0
8/29/25	<a href="#">Survey at Beginning of Course</a>	Assignment	100
9/11/25	<a href="#">Homework 1</a>	Assignment	100
9/30/25	<a href="#">Homework 2</a>	Assignment	100
10/7/25	<a href="#">Midterm 1</a>	Assignment	100
10/9/25	<a href="#">Homework 3</a>	Assignment	100
10/28/25	<a href="#">Homework 4</a>	Assignment	100
11/13/25	<a href="#">Homework 5</a>	Assignment	100
11/13/25	<a href="#">Midterm 2</a>	Assignment	100
12/5/25	<a href="#">Homework 6</a>	Assignment	100
12/11/25	<a href="#">Final Exam</a>	Assignment	100

## Schedule

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The midterms will be held during regular lecture hours roughly after the 6<sup>th</sup> and 12<sup>th</sup> weeks.

Final examination will be held on Thursday Dec 11 from 9:45 until 11:45 am in the regular lecture room.

## Core Principles of this Course

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This course is designed to serve all students by fostering collaboration and encouraging an appreciation for multiple perspectives and ideas. We recognize and value the lived experiences that each student brings to the classroom and are committed to ongoing education that supports open participation.

In alignment with Florida International University's endorsement of the Florida Board of Governors' Statement of Free Expression, this course supports full and open discourse. Civil and respectful discussion is fundamental to critical thinking, both within the classroom and in broader university events. Students are expected to engage in discussions with curiosity, respect, and a willingness to consider differing viewpoints.

## Nondiscrimination Statement

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The **Office of Civil Rights Compliance and Accessibility** (CRCA) is responsible for ensuring that FIU maintains a workplace and learning environment free from discrimination, where current and prospective faculty, staff, and students are treated equitably. If any student, employee, or applicant has a sincere and reasonable belief that they have been discriminated against or harassed based on age, color, disability, gender, marital status, ethnic or national origin, race, religion, retaliation, sex, or any other protected category, they can report their concerns to the CRCA team through [report.fiu.edu](https://report.fiu.edu).

## Course Awards

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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.