

## Brief Course Outline

**Course Title:** Intermediate Econometrics I

**Course Number and Section:**

ECONOMICS

2222A 551

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**Instructor Email(s):** menteza@uwo.ca

Disclaimer: Information in the brief course outline is subject to change. The syllabus posted on OWL is the official and authoritative source of information for the course.

### Course Description:

In this course, we'll dive into the fascinating world of data and statistical reasoning—building from the basics of descriptive statistics and probability all the way to hypothesis testing and simple and multiple linear regression. You won't just learn the formulas; you'll see how these tools come alive through examples, hands-on problem-solving, and practical applications in economics. We have a lot of exciting ground to cover, and I'm committed to making our time together both challenging and rewarding, giving you the skills to confidently analyze and interpret data in meaningful ways.

### Learning Outcomes:

Learn descriptive statistics

Learn probability and sampling distribution

Learn confidence interval and hypothesis testing

Gain analytical and quantitative skills for economic problems

### Textbooks and Course Materials:

Required: Paul Newbold, William Carlson, and Betty Thorne, Statistics for Business and Economics, ISBN: 9780132745659.

- The textbook is available at the Western BookStore.

[https://bookstore.uwo.ca/textbook-search?](https://bookstore.uwo.ca/textbook-search?campus=HC&term=W2025A&courses%5B0%5D=551_HC/ECO2222A)

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- Price is \$250.95 (hard copy) and \$95 Ebook

### Methods Of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Assignment		25%
Midterm Exam		35%
Final Exam		40%

In solidarity with the Anishinaabe, Haudenosaunee, Lūnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.

Wednesday, August 13, 2025