Huron Brief Course Outlines

Fall/Winter 2023-2024

Course Title: Intermediate Econometrics I

Course Number and Section

ECONOMICS	2222A - 550

Instructor Name(s): Mahdiyeh Entezarkheir

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:

This course is designed to introduce students to statistical and econometrics methods needed in economics. We begin the term with some introduction to data in statistics. We proceed with explaining descriptive statistics such as mode and median. Then, we will move to probability and probability distributions. Sampling, confidence intervals, hypothesis testing, simple and multiple regressions, and more advanced topics on regression analysis such as heteroskedasticity will also be covered in this course conditional on the amount of time that we have. In order to help students to develop analytical and quantitative skills to handle economic problems with data analysis, a considerable amount of practice questions will be solved during each lecture.

Learning Outcomes:

Introduce students to statistical and econometrics methods
Learn about probability, confidence interval, and hypothesis testing
Learn about sampling distribution, simple regression, and multiple regression

Textbooks and Course Materials:

Paul Newbold, William Carlson, and Betty Thorne, Statistics for Business and Economics, in print ISBN: 9780132745659 and digital option 9780132750363.

Methods of Evaluation:

Assignment	Due Date mm/dd/yy	Weight - %
Assignment	weekly	25%
Midterm Exam	10/23/2023	35%
Final Exam	By Registrar	40%

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