Course Title: Intermediate Econometrics I

Course Number and Section: ECONOMICS 222A - 550

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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:
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:

Methods of Evaluation:

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<th>Assignment</th>
<th>Due Date mm/dd/yy</th>
<th>Weight - %</th>
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<tr>
<td>Final Exam</td>
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In solidarity with the Anishinaabe, Haudenosaunee, Lúnaapéewak, and Chonnonton peoples on whose traditional treaty and unceded territories this course is shared.