

Brief Course Outline

Course Title:

Research Methods

Course Number and Section

ECONOMIC

3313E 550

Instructor Name(s):

Michael Kottelenberg

Instructor Email(s):

mkottele@uwo.ca

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

Course Description:

Using selected examples, this course will introduce students to the variety of ways to conduct research in applied economics. Students will be exposed to different analytical techniques, examples of modelling problems, data collection issues and hypothesis testing.

First term will start with a review of linear regression techniques and then introduce students to further topics in quantitative analysis with a focus on causal inference, research design, and methods for cross-sectional and panel data. Emphasis will be placed on the application of these techniques in various areas of economics. The second term of the course will focus on development and communication of student directed research projects.

Learning Outcomes: one outcome per entry

- Develop an understanding of the strengths and weaknesses of different observational and experimental research designs.
- Gain experience evaluating and interpreting quantitative studies in the social sciences.
- Engage in economic research through a course-long project that articulates an unanswered causal question and proposes, develops, and executes a feasible research design in an attempt to answer it
- Experience presenting economic research ideas and results, incorporating feedback, and discussing others' research.

Textbooks and Course Materials:

There is no required text for this course. Lectures material will be posted on OWL.

Methods of Evaluation: one assignment per entry

Assignment	Due Date mm/dd/yy	Weight - %
Team A Presentation: Journal Article		5

Assignment	Due Date mm/dd/yy	Weight - %
Team B Presentation: Critique of an Article		5
Discussion Questions		2
Presentation: Project Topic		5
Initial Bibliography and Presentation		5
Proposal and Presentation		15
Progress Meetings (x3)		10
Progress Presentations (x2)		10
Final Paper and Presentation		18
Participation and Attendance		20

Monday, August 10, 2026

Huron Brief Course Outline 2026/27

In-course Costs \$000.00

For Textbooks and Course Materials (below), you are required to include the cost of each textbook or other learning material.

Note whether there are any restrictions that would prevent a student from using a second-hand copy. Here is some suggested text:

- Required textbook: [author, title, edition, publisher, date]. Cost: [insert amount].
 - Or include the weblink of the textbook’s publisher site that includes the cost information.
- Students need to purchase this edition. Second-hand or older editions will not be sufficient.
- OR Students are welcome to purchase second-hand or earlier editions of this textbook.
- This course has an optional field trip that costs [insert amount].
- This course has a required field component that costs [insert amount].

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