

AP/Econ 3210, Section A: Use of Economic Data

Syllabus

Fall 2019

Course Description

Introduces the theory and practice of empirical analysis of economic models. Develops tools to estimate economic relationships involving two or more variables and to test their significance. Relies on the use of Canadian data sets and statistical software packages to show how linear regression analysis is applied. Prerequisite: AP/ECON 2500 3.00 or equivalent. NCR: students who have successfully completed or who are currently enrolled in AP/ECON 4210 3.00. Course credit exclusions: HH/PSYC 3030 6.00, SC/MATH 3330 3.00. Note: Acceptable course substitutes are available in the Calendar.

Lectures and Office Hours

	Day	Time	Duration	Place
<i>Lecture:</i>	MW	13:00	90	LSB 103
<i>Office Hours :</i>	R	15:00	60	1076 Vari Hall

E-mail

E-mail is a good way to contact me. I will attempt to answer any and all questions via email as quickly as possible. Please include "Econ 3210" in the subject line to facilitate this process.

Course Work

The course work will include homework assignments. No work will be accepted after the due date, unless a written proof of the emergency situation that causes the delay is provided. Students are encouraged to study the suggested answers to each problem set, regardless of their performances on the problem set.

If a student finds a problem with the grading of a problem set, they should immediately talk to the me. The deadline for a regrading request is one week from the day the problem set grade/answer key is made available to the class, regardless of when the student actually receives it.

Assignments will be done in **R** and **R markdown** and submitted directly to Moodle. Grades will be posted to Moodle. The answer key with worked solutions will be posted the day after the assignment is due.

This course will give a midterm exam and a final exam according to the following schedule.

	Date & Time	Place
<i>Midterm:</i>	Oct 25th 7pm	In Class
<i>Final Exam:</i>	TBA by Registrar	TBA

If a student finds a problem in the grading of an exam, they should immediately talk to the me. The deadline for a regrading request is one week from the day the exam mark is posted on Moodle, regardless of when the student actually receives it.

Grade

The final grade in the course will be determined as follows with the exception noted below the table:

Course Work	Number	Weight
Homework	4	20%
Midterm	1	30%
Final Exam	1	50%

The weighting of the midterm and final will depend on the student's performance. In particular, if a student does better on the Final than on the Midterm, I will shift 50% of the weight of the midterm towards the final. For example, suppose a student receives a midterm grade of 70% and a Final Exam Grade of 80%. This student's grade will be calculated as follows:

Course Work	Number	Weight
Homework	4	20%
Midterm	1	15%
Final Exam	1	65%

The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). Assignments and tests will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 90, B+ = 75 to 79, etc.)

Missed Exam

Students missing the mid-term exam must provide detailed documentation in the manner required by the Faculty of Liberal Arts and Professional Studies and the Department of Economics. You can find the requirements on the following link: [Handbook](#)

In particular, **students are required to submit an Attending Physician Statement. There will be a make-up exam** for students who are unable to write the scheduled mid-term exam for valid reasons. The make-up exam will be scheduled the following week **during regular class time**.

If a student misses the make-up midterm, the student is required to submit an **Attending Physician Statement** for the make-up exam. **All students will write a mid-term exam**. Students who may require further extensions or accommodation will have to submit a formal petition to the Faculty. See Regulations below.

Regulations:

1. No permission is ever given to a student to write a test or exam in advance of its scheduled date.
2. A student who misses a test will be allowed to write a make-up test only if the student provides a completed Registrar's Office Attending Physician's Statement showing a physical incapability of writing the test/exam, dated the day of the test/exam or earlier. Any other forms of doctor's note, especially one stating simply that "The student was seen in my office" are not acceptable. Students who miss a test and do not provide acceptable documentation receive a grade of zero.
3. Students who miss the mid-term and provide acceptable documentation will write the Make-Up mid-term, which is held during class time, one week after the missed exam. There is only one Make-Up mid-term. You must be available at the (class) time to write the Make-Up Mid-term. No other times will be scheduled during the term.

4. A student who misses **both** the mid-term and the make-up mid-term, and has provided the required documentation for **both** absences, can submit a petition for deferred standing for a missed make-up midterm exam, which will be written after the final exam period.
5. The Make-Up Test is only for students who missed an original test. No student is ever allowed to write a Make-Up Test in order to improve a score from the original test.

Reading

The following textbook is required for the course:

Wooldridge, Jeffery M., *Introductory Econometrics: A Modern Approach 7th Edition + MindTap*. Cengage Learning.

However, it is fine to use earlier editions of the same text.

I will provide additional reading material on Moodle.

Topics to be Covered

Below is a list of topics that will be covered. A detailed reading list will be provided on my webpage.

1. Introduction to Econometrics
2. Review of Basic Statistical Concepts
3. Simple Regression Model
4. Multiple Regression Analysis: Estimation
5. Multiple Regression Analysis: Inference
6. Multiple Regression Analysis: Further Issues
7. Multiple Regression Analysis: Dummy Variables
8. Heteroskedasticity
9. Causality

Important Information

All students are expected to familiarize themselves with the following information, available on the Senate Committee on Curriculum & Academic Standards webpage; link

- York's Academic Honesty Policy and Procedures/Academic Integrity Website
- Ethics Review Process for research involving human participants
- Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities
- Student Conduct Standards
- Religious Observance Accommodation

Students should also be aware of important dates during the semester, see Figure 1 below.

	FALL (F)	YEAR (Y)	WINTER (W)
Classes start	Sept. 4	Sept. 4	Jan. 6
Last date to announce components of final grades	Sept. 18	Sept. 18	Jan. 20
Fall Reading Week ¹	Oct. 12-18	Oct. 12-18	
Last date to submit Fall term work	Dec. 4	Dec. 4	
Fall classes end	Dec. 3	Dec. 3	
Fall Study Day ²	Dec. 4	Dec. 4	
Fall examinations ³	Dec. 5-20	Dec. 5-20	
Winter Reading Week ¹		Feb. 15-21	Feb. 15-21
Last date to submit Winter term work		April 6	April 6
Winter classes end		April 5	April 5
Winter Study Days ²		April 6	April 6
Winter examinations ³		April 7-25	April 7-25

Figure 1: Important Dates