ECONOMICS 2613 P4

EMPIRICAL ANALYSIS IN ECON & BUSI 1

Intersession 2017

INSTRUCTOR: Dr. Jun Zhao
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OFFICE HOURS: Tuesday, Thursday:
2:00 –03:00 pm or by appointment

TIME: M, T, W, Th, F at 9:00 am-noon
CLASSROOM: BAC 138

Course Description

This course is an introduction to the analysis of data in economics and business. Specific topics include both descriptive and inferential statistics, culminating in hypothesis testing and an introduction to regression analysis.

Textbook (REQUIRED)
Statistics for Managers: Using Microsoft Excel 7th edition by Levine, Stephan et al (ISBN 978-0-13-306181-9).

Evaluation
Unannounced In-Class Quizzes (6 @ 5% each), total 30%
2 Term Tests @ 20% each (Test 1 June 23, 2017 Test 2 June 30, 2017), total 40%
Final 30% (July 7, 2017)

There will be no advance warnings for the quizzes. The quizzes will be based on the material (discussed) from previous class. There will be NO make-up for missed quizzes and/or tests. The marks for missed quizzes are forfeited. The weight of missed tests will be added towards your final exam. If you are a student with a documented disability who anticipates needing accommodations in this course, please inform me after you meet Kathy O'Rourke (902- 585-1823) disability.access@acadiau.ca or Abu Kamara (902-585-1291) abu.kamara@acadiau.ca in Disability Access Services, Student Resource Centre, lower floor of the Old SUB (Old Student Union Building).

Academic Ethics
It is the responsibility of students to familiarize themselves with the University's policy on academic ethics. Copying, plagiarism and other academic offences will not be tolerated. Penalties are severe and may result in suspension from a program/course and expulsion. A complete list of Academic Regulations can be found on the Policies page of the University's website. I strongly recommend that all class members review the sections in the 2017-18 academic calendar dealing with Academic Policy and Regulations. It is a serious offence to engage in academic misconduct.

Topics to Be Covered

1. Defining and collecting data
2. Presenting and manipulating data
3. Numerical descriptive measures
4. Various probability distributions
a. Basic probability concepts
b. The discrete probability distributions
c. The normal distribution and other continuous distributions
5. Sampling distributions
6. Confidence interval estimation
7. Hypothesis tests

How can you do well in this course?

- Read the note ahead of time

All of the notes are available on Acorn. If you read the relevant chapter before the lecture, you will have a rough idea about what we are going to discuss.

- Come to class regularly

The ideas in this class are sequential. If you miss lecture 4, you'll have a hard time understanding the rest of the course. The course follows the book, but the lecture is full of material not in the book (and vice versa).

- Participate in class discussion

I will make sure you understand what we discussed in class by question relay, group competition and class discussion.

- Review course material and do related practice questions after class

Review course material and do related practice questions (from departmental workbook) each time after class, please don't wait until exam time.