York University
Faculty of Liberal Arts & Professional Studies
Department of Economics

AP/ECON 3480 N
Introductory Statistics for Economists II
S2 2021 Course Outline

Course Instructor Contact:
Instructor: David K. Lee, Ph. D.
Office and Phone: N/A
Email: dklee@yorku.ca
Course Web Site: eclass
Virtual Course Consultation Hours: By appointment (Zoom connection information will be available through eclass)

Calendar Course Description / Prerequisite / Co-Requisite:

Extends hypothesis testing and point and interval estimation to variance and differences between means and proportions. Introduces special distributions and non-parametric tests. Covers simple and multiple regression analysis and forecasting. Prerequisite: AP/ECON 2500 3.00 or equivalent. Course credit exclusions: GL/MATH 620 3.00, GL/MODR 1620 3.00, SC/MATH 2570 3.00, AP/POLS 3300 6.00, GL/POLS 2620 3.00, GL/SOCI 2620 3.00, GL/PSYC 2530 3.00, HH/PSYC 2020 6.00, HH/PSYC 2022 3.00, AP/SOCI 3030 6.00. Note: Acceptable course substitutes are available in the Calendar.

Lecture Time and Location
Lecture:
- Online lecture delivery format (Zoom live lectures).
- Course lectures will be delivered every **Tuesday and Thursday 11:30am – 2:30 pm.**
- This is an online course. The entire course, including the submission of assignments, participation/discussion and test-taking, will take place on the course's eclass.

Teaching Assistants: N/A

Organization of the Course
This course is an online lecture delivery format. Lectures will be delivered through lecture notes and audio files and/or virtual live lectures with Zoom. Office hours will be held in a virtual space with Zoom. All students must have a Zoom account.

Technical requirements for taking the course:

A computer with microphone and webcam, and a high speed and reliable internet connection, and/or a smart device with these features. These technical features are required for students in order to fully participate in the course. There are some live information sessions including Q & A that will be conducted through Zoom video conferencing, where students are expected to participate. Also, you may be required to appear on video for exams/tests proctoring purposes. If you are not comfortable with these requirements, you should not enroll in this section of the course.

Students shall note the following:
- Zoom is hosted on servers in the U.S. This includes recordings done through Zoom.
- If you have privacy concerns about your data, provide only your first name or a nickname when you join a session.
- The system is configured in a way that all participants are automatically notified when a session is being recorded. In other words, a session cannot be recorded without you knowing about it.

Here are some useful links for student computing information, resources and help:
Student Guide to Moodle
Zoom@YorkU Best Practices
Zoom@YorkU User Reference Guide
Computing for Students Website
Student Guide to eLearning at York University

To determine Internet connection and speed, there are online tests, such as Speedtest, that can be run.

Required Course Text / Readings

Newbold, Paul, William Carlson & Betty Thorne. ***Statistics for Business and Economics***, 8th Edition, Pearson, 2013, ISBN13: 9780132745659.

Evaluation *
The grade for this course is composed of the mark received for each of the following components:

Type of Assessment	Group/Individual	Percent/Weight	Date
Midterm Exam (120 minutes)	Individual	40	Tuesday, July 20
Final Exam (180 minutes)	Individual	60	August 12 - 19
TOTAL		**100%**	

The following conversions will be used in converting percentage grades to letter grades:
90-100 (A+),   80-89 (A), 75-79 (B+),   70-74 (B), 65-69 (C+),   60-64 (C), 55-59 (D+),   50-54 (D), 40-49 (E),   0-39 (F).

Problem sets will be posted in the course web site throughout the semester. Some of them may be solved in class. These problems will not be graded, however, I encourage you to work through them. It will help you understanding the course material and consequently, increase the probability that you will do well in the course. Practice may not always make perfect, but it's a good start.

Deferred Exam Policy:

There are no makeups for missed midterm exams. Anyone missing the midterm exam will automatically have their final exam reweighted to be worth 100%.

NO multiple deferrals allowed: Students can defer only one of the two exams. If students defer more than one exams, the successive deferred exams will be marked zero.

Deferring the Final Exam: The deferred final exam policy will be applied only for those who completed all of the course requirements but the final exam. Students who do not complete one of the course requirements during the semester MUST attend the regular final exam session to complete the course. If a student were to miss a course requirement during the semester and has to defer the final exam as well then the student may submit a formal petition to the Faculty.

Topics Covered and Weekly Schedule

Session	Topics, Reading and Activity
01 June 29 (T)	Chapter 9: Hypothesis Testing: Single Population
02 July 6 (T) Jul 1: Canada Day	Chapter 10: Hypothesis Testing: Additional Topics
03 July 8 (R)	Chapter 11: Simple Regression
04 July 13 (T)	
05 July 15 (R)	Chapter 12: Multiple Regression I
06 July 20 (T)	**Midterm Exam: (Weeks 1-4 Covered)** **(July 23: Last day of Drop)**
07 July 22 (R)	Chapter 12: Multiple Regression II
08 July 27 (T)	Chapter 13: Additional Topics in Regression Analysis
09 July 29 (R)	Chapter 14: Analysis of Categorical Data
10 Aug 3 (T)	Chapter 15: Analysis of Variance
11 Aug 5 (R)	Chapter 16: Time Series Analysis and Forecasting

12 Aug 10 (T)	**Review**
Final Exam	**August 12 - 19**

New Information and Changes:

The schedule is subject to change –sometimes there are unexpected absences or we bog down on an issue. Check your class notes, or contact me for up-dated work schedules.

It may be very possible to make some adjustments of lectures and/or exams schedules. Students may also have handouts for the topics discussed in the class. It is students' responsibility to be aware of any policy (or schedule change), or to collect handouts from classes. If you miss classes, contact the instructor before or immediate after, and check if there is any policy change or handout distributed.

There is no excuse for not knowing course policies or schedule changes, or for not having handouts. Important Course Information for Students:

All students are expected to familiarize themselves with the following information, available on the Senate Committee on Curriculum & Academic Standards webpage; http://www.yorku.ca/secretariat/policies/index-policies.html/

➢ York's Academic Honesty Policy and Procedures/Academic Integrity Website

Academic Honesty and Integrity: Conduct that violates the ethical or legal standards of the University community or of one's program or specialization is subject to severe penalties. Students are responsible for understanding the nature and consequences of these offences, as contained in the Senate Policy on Academic Honesty, found on the York University Senate WEB page: http://www.yorku.ca/secretariat/policies/document.php?document=69

➢ Ethics Review Process for research involving human participants
http://www.yorku.ca/secretariat/policies/document.php?document=94

➢ Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities
http://www.yorku.ca/secretariat/policies/document.php?document=68

➢ Student Conduct Standards
http://www.yorku.ca/oscr/standards.html

➢ Religious Observance Accommodation
https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs