Faculty Liberal Arts and Professional Studies
Department of Economics

AP/ECON 3480 3.0A - Introductory Statistics for Economists II
Fall 2020

Course Outline

Course Instructor

Name: Prof. Razvan Sufana
Email: rsufana@yorku.ca (Please include course number and section in subject line)

Technical requirements for taking the course

Moodle and Zoom will be used as interaction platforms in this course. Please review this course outline to determine how the class meets, and how office hours will be conducted.

Students shall note the following:
• Zoom is hosted on servers in the U.S.
• 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 if a session is being recorded. In other words, a session cannot be recorded without you knowing about it.

Please review the technology requirements and FAQs for Moodle at:
http://www.yorku.ca/moodle/students/faq/index.html
Students will need a stable, high-speed Internet connection, a computer with webcam and microphone, or a smart device with these features.

Here are some useful links for student computing information, resources, and help:
https://lthelp.yorku.ca/student-guide-to-moodle
https://uit.yorku.ca/wp-content/uploads/sites/5/2020/04/Zoom@YorkU-Best-Practicesv2.pdf
https://uit.yorku.ca/wp-content/uploads/sites/3/2012/02/Zoom@YorkU-User-Reference-Guide.pdf
https://uit.yorku.ca/student-services/

Lecture Time and Location

Tuesday 4:00 – 7:00 PM

Please note that this is a course that depends on remote teaching and learning. There will be no in-person interactions or activities on campus. Students are expected to meet at the scheduled times via Zoom. The Zoom link for remote lectures is posted on the course website.

Course Website: https://moodle.yorku.ca/

Virtual Office Hours

Tuesday 2 – 3 PM

Office hours will be conducted at the scheduled times via Zoom.
The Zoom link for virtual office hours is posted on the course website.

Prerequisite

AP/ECON 2500 3.00 or equivalent

Course Credit Exclusions: GL/MATH/MODR 1620 3.00, SC/MATH 2570 3.00, AP/POLS 3300 6.00, GL/POLS/SOCI 2620 3.00, GL/PSYC 2530 3.00, HH/PSYC 2020 6.00, HH/PSYC 2022 3.00, AP/SOCI 3030 6.00.
PRIOR TO FALL 2009: Course credit exclusions: AK/ECON 3480 3.00, AK/AS/SC/PSYC 2020 6.00, AK/AS/SC/PSYC 2022 3.00.

Course Description

The course extends hypothesis testing and interval estimation to differences between means and proportions and to population variances. Covers tests of goodness of fit and independence, experimental design and analysis of variance, simple and multiple regression analysis and forecasting, and nonparametric methods.

Evaluation

Midterm Exam (40% of final grade): October 27
Final Exam (60% of final grade): Scheduled in the final exam period

The midterm exam will cover material presented up to and including the class before the exam, while the final exam will cover material from the entire course. Final course grades may be adjusted to conform to Program or Faculty grades distribution profiles.

Missed Exams

Students who miss the midterm exam and provide valid documentation (for example, medical notes) will have the entire weight transferred to the final exam, otherwise a grade of zero will be recorded for the midterm exam. There will be no make-up midterm exam.

Course Text

Statistics for Business and Economics, 14th Edition
by David R. Anderson, Dennis J. Sweeney, Thomas A. Williams, Jeffrey D. Camm, James J. Cochran Michael J. Fry, Jeffrey W. Ohlmann,
Cengage, 2020

Organization of the Course (Topics)

1. Inference About Means and Proportions with Two Populations (Chapter 10)
2. Inferences About Population Variances (Chapter 11)
3. Comparing Multiple Proportions, Test of Independence and Goodness of Fit (Chapter 12)
4. Experimental Design and Analysis of Variance (Chapter 13)
5. Simple Linear Regression (Chapter 14)
6. Multiple Regression (Chapter 15)
7. Regression Analysis: Model Building (Chapter 16)
8. Nonparametric Methods (Chapter 18)

Important Course Information for Students

All students are expected to familiarize themselves with the following information, available at:
https://secretariat.info.yorku.ca/files/CourseInformationForStudentsAugust2012-.pdf?x45720