Faculty of Liberal Arts and Professional Studies
Department of Economics

Course: AP/ECON1540 V 3.0

Course Webpage: https://eclass.yorku.ca/ (previous moodle)
After class starts, **please check our course page on a regular basis.**

Term: Winter 2022

Prerequisite / Co-requisite:

Prerequisite: AP/ECON 1530 3.00 or equivalent. Prerequisites or corequisites: AP/ECON 1000 3.00 or AP/ECON 1010 3.00, or equivalent. No Credit Retained (NCR) Note: Students who have successfully completed or who are currently enrolled in SC/MATH 1021 3.00, SC/MATH 1025 3.00, or SC/MATH 2221 3.00. SC/MATH 1510 6.00 and SC/MATH 1520 3.00 may not be taken by any students who has passed or is currently taking AP/ECON 1540 3.00.

Course Credit Exclusions:

Course credit exclusions: SC/MATH 1505 6.00, SC/MATH 1540 3.00, SC/MATH 1550 6.00, GL/MATH 2650 3.00, GL/MODR 2650 3.00. Note: Acceptable course substitutes are available in the Calendar.

Course Instructor

Name: Professor Ji Qi
Email: jiqi@yorku.ca
                (**please quote "ECON1540M, name, student #" on subject line**)
Phone: N/A during COVID19 period
Office hours: **Virtual** Monday and Friday 9:00am-10:00am Toronto time
                (Zoom meeting ID is 395 906 4067.)

TA:
Name: Unknown yet
Zoom ID:
Office hours:
Email:

Class Time and Location

This course depends on remote teaching and learning. There will be no activities on campus or in-person interactions. **Lectures will be prerecorded and posted on eClass.** I will be using eClass for posting announcements, lecture recordings, online midterm/final exam. Please check eClass on regular basis.

Emails and Communications

Please quote "ECON1540M, name, student #" on email subject line. Since we have Zoom virtual office hours every week to answer your questions, and sometimes it's difficult to reply math related questions in emails, so take opportunities to ask math questions during virtual office hours.

For technical difficulties/issues
If students have technical difficulties, students can call York University's number 416-736-5800 (or e-mail esohelp@yorku.ca).

Technical requirements for taking the course

You will need a laptop or desktop computer, plus a smart phone/tablet with a camera, and a RELIABLE internet connection.

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

Expanded Course Description

Introduces and develops topics in comparative statics of general function models and matrix algebra with applications to input-output models, unconstrained and constrained optimization with applications to microeconomic and macroeconomic models, and elements of linear programming with applications to decision-making in economics.

Organization of the Course (Topics):

Topic I: Mathematical Preliminaries

　　　　1.1 Linear Algebra （Chapter 15 & 16）
　　　　1.2 Multivariable Calculus （Chapter 11）

Topic II: Unconstrained Optimization

　　　　2.1 Comparative Static Techniques　（Chapter12）
　　　　2.2 Multivariable Optimization　　（Chapter 13）

Topic III: Constrained Optimization and Linear Programming

   3.1 Constrained Optimization （Chapter 14）
   3.2 Linear Programming   （Chapter 17, optional by time availability ）

Course Text / Readings

Essential Mathematics for Economic Analysis, Pearson, 5th ed.

Lectures, although based mainly on the textbook, will include additional or alternative materials. Some sections in the textbook may not be covered in the class.

To prepare exams and familiar to the materials that we discussed in the class, I strongly encourage students to try your best to practice questions.at end of each chapter and problems in assigned in class.

Evaluation *

Midterm: Monday Feb 14 19:00(Class Time), Toronto time, 40%
Final: During Final Exam Period   60%
Final Exam date for this course will be set by the Registrar's office

Students are required to work independently on the online midterm/final exam.
Answers must be the student's own original work and written in their own words or otherwise it will be considered plagiarism and an academic honesty offence. The use of aides such as websites, apps, Google Translate etc. are not allowed unless explicit permission is given by the instructor.

Grading, Assignment Submission, Lateness Penalties and Missed Tests

Grading: 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.)
(For a full description of York grading system see the York University Undergraduate Calendar - http://calendars.registrar.yorku.ca/2010-2011/academic/index.htm

Missed Tests: There are no deferred tests or exams. Students absent from the midterm test will automatically have their final exam determine 100% of the course grade. Students absent from the final exam will have to petition to the Faculty of Liberal Arts and Professional Studies (or their own faculty if they are not LAPS students) for a makeup exam.

Accommodations. The students who have the letter of Academic Accommodations from Student Accessibility Services should directly concoct the Alternative Exam Centre for the test arrangement.

IMPORTANT COURSE INFORMATION FOR STUDENTS

All students are expected to familiarize themselves with the following information, available on the Senate Committee on Academic Standards, Curriculum & Pedagogy webpage (see Reports, Initiatives, Documents) - http://secretariat.info.yorku.ca/files/CourseInformationForStudentsAugust2012.pdf
- Senate Policy on Academic Honesty and the 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

Course ADD/Drop Deadlines

https://registrar.yorku.ca/enrol/dates/su21

	Term Winter
Course start date	Jan. 10
Last date to add a course without permission of instructor	Jan. 23
Last date to add a course with permission of instructor	Feb. 7
Last date to drop course without receiving a grade	March 18
Reading Week	Feb. 19-25
Study days	April 11
Course end date	April 10
Examinations	April 12-29

**Policy and Guidelines on Withdrawn from Course: http://secretariat-policies.info.yorku.ca/policies/withdrawn- from-course-w-policy-and-guidelines/

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

Reappraisals
For reappraisal procedures and information, please visit the Office of the Registrar site at: http://www.registrar.yorku.ca/grades/reappraisal/

Deferred Standing
Students who have experience a misfortune or who are too ill to attend an examination in a course should not attempt to do so; they must pursue deferred standing, and have it submit to the department. For further information, please visit: http://www.registrar.yorku.ca/exams/deferred/

Academic Integrity

For Senate Policy on Academic Honesty, please visit:. http://www.yorku.ca/secretariat/policies/document.php?document=69