

Faculty Liberal Arts and Professional Studies

Department of Economics

Course: AP/ECON1540M 3.0

Course_Webpage: <https://moodle.yorku.ca/> and log in

Term: S2 2019

Prerequisite / Co-requisite: AP/ECON1530 3.0 or equivalent, plus AP/ECON 1000/1010

Course Instructor

Name: Ying KONG
Email: ykong@yorku.ca (email is the preferred contact method)
Tel: (416) 736-2100 ext: 30101 (I do NOT check voice mail, please don't leave any messages)
Location: Vari Hall 1118
Office hours: Tuesday, 5:00-6:00pm
Wednesday, 5:00-6:00pm

TA: TBA
Location:
Office hours:

Time and Location

Lectures MW 6:00 CLH B

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 Single Variable Calculus -Integration
- 1.2 Linear Algebra
- 1.3 Multivariable Calculus

Topic II: Unconstrained Optimization

- 2.1 Comparative Static Techniques
- 2.2 Multivariable Optimization

Topic III: Constrained Optimization and Linear Programming

- 3.1 Constrained Optimization
- 3.2 Linear Programming

Course Text / Readings

Essential Mathematics for Economic Analysis, 5th ed.

Lectures, although based mainly on the textbook, will include additional or alternative materials. Some sections in the text book may not be covered in the class. Where indicated in the outline, in class lecture notes will be the basic source for your study.

Evaluation *

Midterm Exam (July 8)	40%
Final Exam	60%

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: Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (e.g., doctor's letter) may request accommodation from the Course Instructor. (State accommodation arrangement: e.g., allowed to write a make-up test on xx date.) Further extensions or accommodation will require students to submit a formal petition to the Faculty.

There is no make-up midterm exam. Should you miss midterm exam without proper approval of the instructor or a valid reason (for example, the medical doctor notes), you will receive a grade of zero on midterm exam. With proper approval, or a valid reason, the weight of the midterm exam that you missed will transfer to your final exam.

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

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

SUMMER 2019 SESSIONAL DATES

	S1	S2
Course start date	April 29	June 17
Last date to add a course without permission of instructor	May 3	June 21
Last date to add a course with permission of instructor	May 10	June 28
Last date to drop course without receiving a grade	May 27	July 15
Reading Week	N/A	N/A
Study days	June 11	July 30
Course end date	June 10	July 29
Examinations	June 12-14	July 31- Aug. 9

****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>