

**Faculty Liberal Arts and Professional Studies**  
**Department of Economics**  
(Updated version would be posted on eClass course page)

**Course:** AP/ECON2500 M 3.0

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

**Term:** S2 2021

**Prerequisite / Co-requisite:**

Grade 12U Advanced Functions or equivalent. Course credit exclusions: AP/ADMS 2320 3.00, AP/POLS 3300 6.00, AP/SOCI 3030 6.00, ES/ENVS 2009 6.00, GL/MATH/MODR 1610 3.00, GL/POLS/SOCI 2610 3.00, GL/PSYC 2530 3.00, HH/KINE 2050 3.00, HH/PSYC 2020 6.00, HH/PSYC 2021 3.00, SC/BIOL 2060 3.00, SC/MATH 2500 3.00, SC/MATH 2560 3.00, SC/MATH 2565 3.00. Note 1: Acceptable course substitutes are available in the Calendar. Note 2: students who have taken SC/MATH 1131 3.00 may not take AP/ECON 2500 3.00.

**Course Instructor**

**Name:** Professor Ying KONG

**Email:** [ykong@yorku.ca](mailto:ykong@yorku.ca)

**(please quote “ECON2500M, name, student #” on subject line)**

**Phone:** N/A during COVID19 period

**Office hours:** **Virtual** Wednesday 9:00am-11:00am Toronto time

(I will hold online office hours through Zoom to answer any course related questions. Zoom meeting ID will only be posted on eClass and not on course outline. **Please remember NOT to share Zoom meeting ID with others.** Please check eClass for office hours and Zoom meeting ID)

**TA:** TBA

**Office hours:** TBA

**Email:** TBA

**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**

I teach more than one course this term, so **please quote “ECO2500M, name, student #” on email subject line.** Since we have Zoom virtual office hours every week to answer your questions, and it's difficult to reply math related questions in emails, so take opportunities to ask math questions during virtual office hours. Only administrative questions will be answered

by email. **I am not going to respond to any questions or issues that are already explained in course outline, eClass announcements, etc.** I will not respond emails such as what's my York U log in ID, how can I log in eClass ect.

### **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](mailto: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](#)

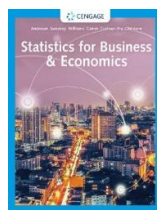
[Computing for Students Website](#)

[Student Guide to eLearning at York University](#)

### **Course Description**

An introduction to statistical techniques. Topics covered include descriptive statistics and frequency distributions, measures of location and dispersion, random variables, sampling distributions, probability theory and mathematical expectations, the normal distribution, correlation, and the design and interpretation of hypothesis tests.

### **Course Text / Readings**



#### **Statistics for Business & 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

ISBN-13: 978-1-337-90106-2

ISBN-10: 1-337-90106-7

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. Where indicated in the outline, in class lecture notes which are posted on eClass course web will be the basic source for your study.

### **Organization of the Course (Topics):**

Chapter 1: Data and Statistics

Chapter 2: Descriptive Statistics: Tabular and Graphical Displays

Chapter 3: Descriptive Statistics: Numerical Measures

Chapter 4: Introduction to Probability

Chapter 5: Discrete Probability Distributions

Chapter 6: Continuous Probability Distributions

Chapter 7: Sampling and Sampling Distributions

Chapter 8: Interval Estimation

Chapter 9: Hypothesis Tests (optional by time availability)

### **Weighting of Course Components**

Midterm: Tuesday July 20 11:30am Toronto time, weight 40%

Final: During Final Exam Period, weight 60%

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.

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.

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

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

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

### SUMMER 2021 SESSIONAL DATES

	S2
<b>Course start date</b>	<b>June 28</b>
<b>Last date to add a course without permission of instructor</b>	<b>July 2</b>
<b>Last date to add a course with permission of instructor</b>	<b>July 9</b>
<b>Last date to drop course without receiving a grade</b>	<b>July 23</b>
<b>Reading Week</b>	<b>N/A</b>
<b>Study days</b>	<b>Aug 11</b>
<b>Course end date</b>	<b>Aug 10</b>
<b>Examinations</b>	<b>Aug 12-19</b>

**\*\*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>