

York University
Faculty of Liberal Arts & Professional Studies
Department of Economics
Summer 2020

For all Summer 2020 undergraduate and graduate courses, the following information:

“Several platforms will be used in this course (e.g., Moodle, Canvas, Zoom, etc.) through which students will interact with the course materials, the course director / TA, as well as with one another. Please review the syllabus to determine how the class meets (in whole or in part), and how office hours and presentations will be conducted. 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.

Technology requirements and FAQs for Moodle can be found here - <http://www.yorku.ca/moodle/students/faq/index.html>”

Course # and Title: AP/ECON 2500.M Introductory Statistics for Economists I

Course Webpage: <https://moodle.yorku.ca/>

Course Instructor

Name: Mir Ahasan Kabir
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Lecture: Tuesday / Thursday, 18:00 - 21:00
Virtual office hours: Schedule Zoom Meetings is posted on Moodle

Times and locations: 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.

Prerequisite: Grade 12U Advanced Functions or equivalent.

Course credit exclusions: AP/ADMS 2320 3, AP/POLS 3300 6, AP/SOCI 3030 6, ES/ENVS 2009 6, GL/MATH/MODR 1610 3, GL/POLS/SOCI 2610 3, GL/PSYC 2530 3, HH/KINE 2050 3, HH/PSYC 2020 6, HH/PSYC 2021 3, SC/BIO 2060 3, SC/MATH 2500 3, SC/MATH 2560 3, SC/MATH 2565 3.

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.

Technical requirements for taking the course:

In order to fully participate in the course I am expecting that students participate through audio conferencing. All the quizzes, term test and final exam will be through Moodle course website. In addition to stable, higher-speed Internet connection, these students will need a computer with webcam and microphone, and/or a smart device with these features.

Organization of the course:

The entire course, including the submission of assignments, participation/discussion and test-taking, will take place on the course’s Moodle. Although we are scheduled to meet at particular times and days of the week, this course has no live virtual meetings outside of office hours. Like an online course, you can learn the course material at your own pace, following the schedule of readings and activities.

Course Text / Readings:

Statistics for Business and Economics, 8th Edition, by Paul Newbold, William Carlson and Betty Thorne (Pearson, 2013), ISBN13: 9780132745659. **Organization of the Course (Topics)**

Chapter	Topics
Chapter 1:	Describing Data: Graphical
Chapter 2:	Describing Data: Numerical
Chapter 3:	Probability
Chapter 4:	Discrete Random Variables and Probability Distributions
Chapter 5:	Continuous Random Variables and Probability Distributions
Chapter 6:	Sampling and Sampling Distributions
Chapter 7:	Estimation: Single Population
Chapter 8:	Estimation: Additional Topics
Chapter 9:	Hypothesis Testing: Single Population
Chapter 10:	Hypothesis Testing: Additional Topics

Note: There may be small changes to the reading list, which will be announced as the course progresses. I may provide additional material during class.

Weighting of Course:

Quizzes: There will be six quizzes, worth total 20% of the course grade.

Term Test - 30% the 21th of July Tuesday from 18:00 to 19:30 (90 minutes).

There will be no makeup for missing the term test and weight will automatically transfere to the final exam.

Final Exam - 50% (To be scheduled by the Registrar's Office between Aug. 14 - Aug. 21).

120 Minutes, comprehensive, covering all course material, with more emphasis on later chapters.

If a student receives a higher grade on the final exam than on the midterm test, the final exam grade will worth 80% of the final grade.

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.)

Exam Rules:

- No student will be allowed to write the exam prior to the scheduled date.
- No student will be allowed to write the exam in order to improve the letter grade.
- York University is committed to respecting the religious beliefs and practices of all members of the community. In case, any of the exam dates clash with the day of your religious observance, you are responsible for contacting me at least two weeks in advance. To arrange for an alternative date, you must complete a Religious Accommodation Form (see Important Academic Forms section).
- Cheating and plagiarism are considered to be serious offences by York University. Please visit the Academic Integrity website <http://www.yorku.ca/acadinte/students/index.htm> to read the Senate Policy on Academic Honesty.
- Cell phones, electronic translators, iPods, MP3 players, and other electronic devices are not permitted into exams. Other permissible items to carry in exams are pens, pencils, student ID, coats and purses.

Deferred Final Exam Policy:

Students must fill out the Deferred Standing Agreement form (see Important Academic Forms section) and submit it along with all original supporting documentation to the Department of Economics located in 1144 Vari Hall within in 10 business days of the original exam date. Submitting the form does NOT guarantee permission to

write the deferred exam. Only submissions that meet all requirements will be granted permission. Students whose submissions are not granted will receive a zero for their final exam score.

There is only one date for the Deferred Final Exam, which will be during the following semester. The exact date will be announced later. Deferred Standing for the final exam will be considered only under the following circumstances:

1. MEDICAL CIRCUMSTANCES: Exams missed due to medical circumstances must be supported by a York Attending Physicians Statement filled out completely by a medical doctor or licensed psychologist/counselor, dated within 48 hours of the final exam date. The statement must include:

- Full name, mailing address, telephone number of the physician.
- The nature of the illness and its duration (i.e., specific dates covered)
- An indication of whether the illness and/or medication prescribed would have SERIOUSLY affected the student’s ability to study and perform over the period in question.

The physician’s office may be contacted to verify that the statement was actually completed by the physician.

2. NON-MEDICAL CIRCUMSTANCES: Exams missed due to non-medical circumstances must be supported by appropriate documentation, i.e., death certificates, obituary notice, automobile accident reports, airline/bus ticket receipt for emergency travel (with the date of booking on the ticket), etc. Airline/train/bus ticket/receipts for emergency travel must indicate destination, departure, and return dates. Having to work at the time of the exam or non-emergency travel are not valid excuses for missing an exam.

Important Academic Forms:

Religious Accommodation: http://registrar.yorku.ca/sites/registrar/files/pdf/exam_accommodation.pdf

Deferred Standing Form: http://registrar.yorku.ca/pdf/deferred_standing_agreement.pdf

Attending Physician’s Statement Form: http://registrar.yorku.ca/pdf/attending_physicians_statement.pdf

Important Dates

	Winter Term 2020
Last date to add a course without permission of instructor (also see Financial Deadlines)	July 3
Last date to add a course with permission of instructor (also see Financial Deadlines)	July 10
Last date to drop a course without receiving a grade (also see Financial Deadlines)	July 29
Course Withdrawal Period (withdraw from a course and receive a grade of “W” on transcript – see note below)	Aug. 11 - Aug. 13

Important Information for Students: All students are expected to familiarize themselves with the following information, available on the [Senate Committee on Curriculum & Academic Standards webpage](#).

- York’s Academic Honesty Policy and Procedures is located on the [York University Senate webpage](#). As per Senate Policy, academic honesty and integrity is defined as 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. More information on academic integrity for students can be found on the [York Academic Integrity Website](#).
- Ethics Review Process for research involving human participants located using the [Senate Policy Research Involving Human](#)
- Course requirement accommodation for students with disabilities, including physical, medical, systemic, learning and psychiatric disabilities can be accessed using the [Academic Accommodation for Students with Disabilities link](#).
- Information on student conduct standards can be reviewed on the [Code of Student Rights and Responsibilities webpage](#).

- Students requiring religious accommodation should review the Religious Accommodations Guidelines using the [Religious Observance link](#).