

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

Course # and Title: AP/ECON 3480.M & N - Introductory Statistics for Economists II

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

Course Instructor

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Lecture: Thursday, 19:00 - 22:00, CLH H (M)
Monday/Wednesday, 13:00 - 14:30, R S137 (N)
Office Hours: Monday & Wednesday, 12:00 - 13:00

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.

Course Description:

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

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 |
|---------|--|
| 9 | Hypothesis Testing: Single Population |
| 10 | Hypothesis Testing: Additional Topics |
| 11 | Simple Regression |
| 12 | Multiple Regression |
| 13 | Additional Topics in Regression Analysis |
| 15 | Analysis of Variance |

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 a number of **Quizzes**, worth in total 10% of the course grade.

Term Test - 35%

| Section | Day | Date | Time | Location | Duration |
|---------|----------|---------------|---------------|----------|------------|
| M | Thursday | 27th February | 19:00 - 20:20 | CLH H | 80 minutes |
| N | Monday | 24th February | 13:00 - 14:20 | R S137 | 80 minutes |

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

Final Exam - 55% (To be scheduled by the Registrar's Office between April 7 - April 25).
150 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 90% 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 Summer 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) | Jan. 19 |
| Last date to add a course with permission of instructor (also see Financial Deadlines) | Feb. 3 |
| Last date to drop a course without receiving a grade (also see Financial Deadlines) | March 13 |
| Course Withdrawal Period (withdraw from a course and receive a grade of "W" on transcript – see note below) | March 14 - April 5 |

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 Participants link](#)
- 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](#).