

University of Guelph
College of Management and Economics
Department of Economics & Finance

Course Outline

Econ*2740.02 - Economic Statistics Fall 2012
Instructor: Henry Thille
Office: MacKinnon 702
Office Hours: Wed., Thurs., 11:00-12:00

It is your responsibility as a student to be aware of and to abide by the University's policies regarding academic misconduct, e-mail communication, maintaining copies of out-of class assignments, what to do when you cannot meet a course requirement and the drop date for this semester. To better understand these policies, visit:

<http://www.uoguelph.ca/economics/node/1115>

Course Outline

Description: This course will introduce students to probability and statistics for use in economics and business. The analysis of data, sampling, probability distributions and hypothesis testing will all be covered. These form an important set of tools for the analysis of both decision-making under uncertainty and large amounts of quantitative data.

Textbook: Paul Newbold, William L. Carlson, and Betty M. Thorne *Statistics for Business and Economics*. 8th edition. Pearson. 2013.

Used older editions of this text are likely fine, however, it is the student's responsibility to ensure that the readings match up.

Assessment: Grades will be determined by students performance on online assignments/quizzes, a midterm exam and the final exam.

Date	Weight
Assignments/quizzes	20%
Midterm exam: Mon. Oct. 15	20%
Finalexam: Dec. 10 th , 2:30-4:30 pm	60%

Students missing the midterm exam will see that weight transferred to the final exam. The final exam will cover the entire course. If a student receives a grade on the final exam that exceeds the course grade as calculated above, the final exam grade will be used for the course grade.

Topics: The following are the topics and relevant textbook chapters for the course. Any refinements to this list will be communicated through the courselink page.

Describing data	Ch. 1, 2
Probability	Ch. 3
Discrete random variables	Ch. 4
Continuous random variables	Ch. 5
Sampling	Ch. 6
Estimation	Ch. 7, 8
Hypothesis testing	Ch. 9, 10
Simple regression	Ch 11

Labs: In the labs, students will work through sets of problems with the aid of a lab instructor.

Assignments/quizzes: These will be conducted through courselink. Assignments will be given with a specific deadline and students will fill in the answers on courselink. Quizzes will be periodically be made available and will have a time limit, but no specific date. Students will be able to re-take quizzes as often as they like.

Email: Students should not use email as a substitute for office hours. Email should be used for questions of an administrative nature only. I will use the course website to make any announcements that are necessary. It is the student's responsibility to check for these announcements regularly. In addition, I will enable the discussion component of the courselink page which will allow students to communicate among themselves.

You will be asked to complete an evaluation of this course at some time during the last two weeks of the semester. The Department of Economics policy regarding the conduct and use of these evaluations will be found at:

<http://www.uoguelph.ca/economics/academics/courses/course-evaluation>