

**DEPARTMENT OF ECONOMICS
CARLETON UNIVERSITY**

**ECON 2201 A – STATISTICAL METHODS IN ECONOMICS AND
BUSINESS I**

2013 FALL

CLASS SCHEDULE	Lectures: Mondays (6:05 to 8:55 p.m.) Southam Hall 518 Tutorials: Mondays (4:35 to 5:55 p.m.) Southam Hall 518
INSTRUCTOR	Tanvir Quadir E-mail: tanvir.quadir@carleton.ca
OFFICE HOURS	Wednesdays (6:00 to 7:00 p.m.) in B-840 Loeb (Availability: during office hours or via e-mail)
TEACHING ASSISTANT	TBA

COURSE DESCRIPTION:

Statistical Methods in Economics and Business I is an introduction to statistical inference. Topics covered include descriptive statistics, probability theory, sampling distributions, estimation and hypothesis testing with a single population, and an introduction to statistical computing. **Precludes** additional credit for BIT 2000, BIT 2100, ECON 2200 (no longer offered), GEOG 2006, PSCI 2702, PSYC 2002, STAT 2507, STAT 2606, and STAT 3502. **Prerequisites:** ECON 1402 (or equivalent), which may be taken concurrently with ECON 2201.

*A grade of C- or higher is required to qualify for ECON 2202; a grade of C+ or higher is required to qualify for ECON 3706, ECON 4002 and ECON 4706. DEF(erred final grade) status at the end of this course precludes (continued) registration in any other course for which the former is a prerequisite.

The course consists of lectures 3 hours a week, and tutorials 1.5 hours a week. Tutorials will start from the third week and students should attend weekly tutorials. Please note that though this section's textbook is the same as the other sections, we have our own examinations and assignment. The final examination has two parts, A and B, which are worth 30% and 70% respectively. Questions in part A are common to all sections.

Data Analysis and Microsoft Excel: Students are required to use Excel for their assignment. Data used for assignment/examples are provided on cuLearn.

EVALUATION DATES:

Midterm Examinations (Two)	<u>Midterm 1:</u> October 7, 2013 <u>Midterm 2:</u> November 18, 2013	20% × 2 = 40%
Assignment (One)	Due on December 9, 2013	10%
Final Examination (3 hours)	Between December 11 and December 22 (TBA by the Registrar's Office)	50%

TEXTBOOK:

Business Statistics: A Decision-Making Approach by David F. Groebner, Patrick W. Shannon, and Phillip C. Fry, 9th edition, Pearson.

TENTATIVE COURSE SCHEDULE (MAY BE ADJUSTED AS COURSE UNFOLDS):

<i>Week</i>	<i>Date</i>	<i>Description</i>	<i>Week</i>	<i>Date</i>	<i>Description</i>
1	Sep. 9	Chapter 1	8	Oct. 28	No Class (Fall break: October 28 - November 1)
2	Sep. 16	Chapter 2	9	Nov. 4	Chapter 6
3	Sep. 23	Chapter 3 (Tutorial starts from this week)	10	Nov. 11	Chapter 7
4	Sep. 30	Chapter 4	11	Nov. 18	Midterm Exam 2 (Chapters 5–7)
5	Oct. 7	Midterm Exam 1 (Chapter 1–4)	12	Nov. 25	Chapter 8 (Assignment available on cuLearn)
6	Oct. 14	No class (Statutory holiday; University closed)	13	Dec. 2	Chapter 9
7	Oct. 21	Chapter 5	14	Dec. 9	Assignment due by start of class; review of lectures

IMPORTANT EVALUATION CRITERIA

TWO MIDTERM EXAMINATIONS (40%): Midterm examinations will be held in class and each exam will last 2 hours. Each midterm is a closed-book examination. There are no deferred midterms. If you miss a midterm exam and provide a valid medical certificate or a verifiable compassionate reason within one week of the missed exam, the assigned weight (of 20%) will be added to your final exam; otherwise a mark of zero is assigned. However, please note the following:

- (i) A maximum of one missed midterm only will be permitted;
- (ii) A maximum weight of 70% will be given to the final exam in the event of missed midterms;
- (iii) You will receive a grade of FND in the course (“Failure with No Deferred final examination allowed”) if any of the following situations applies:
 - (a) You fail to receive a passing grade on the average of your midterm exams;
 - (b) You fail to write at least one midterm exam;
 - (c) You fail to submit your final assignment.

ASSIGNMENT (10%) – DUE IN CLASS BY START OF CLASS ON MONDAY, DECEMBER 9, 2013: To submit the assignment other than in-person at the start of class, please discuss and obtain written permission from the instructor by December 9, 2013, or the assignment will be considered late, and late assignments will receive a grade of zero. Failure to submit the assignment will result in a grade of FND for the course. Please keep a photocopy of your assignment as it may not be returned prior to the final examination. Students may wish to work together on assignments, but each student must write up his/her assignment independently.

FINAL EXAMINATION (50%): The 3-hour final examination will take place during the official final examination period of December 11 to 22, 2013, and is scheduled by the Registrar's Office. Please do not make travel plans prior to December 22, 2013. Failure to write the final examination results in a grade of ABS for the course ("ABSent from a required final examination"), provided you have not already received an FND, as described above. See Academic Regulation 2.3 for the official meanings of these grades. If you miss the final examination, please contact the Registrar's Office as soon as possible after the missed exam in order to qualify to write a deferred exam next semester. Fall term deferred final examinations will be held between February 14 and 22, 2014.

ADDITIONAL INFORMATION

COURSE STANDING: Note that no course grades are final until approved by the Faculty Dean. Note also that course grades may be scaled upwards or downwards in a rank-preserving manner to better fit the relevant departmental distributional norm.

ACADEMIC INTEGRITY:

Students should familiarize themselves with the Carleton University policy on Academic Integrity. This policy details those behaviours considered to be violations of academic integrity (e.g. cheating, plagiarism) and provides guidelines as to the imposition of various sanctions, including a reduction in grade, suspension, and expulsion. Also be aware of the document titled "Pammett on Plagiarism and Paraphrasing," which can be found on the page at www.carleton.ca/economics/courses/writing-preliminaries.

IMPORTANT DEADLINES: September 18, 2013 is the last day to register for the course; September 30, 2013 is the last day to withdraw with a full fee adjustment; and December 9, 2013 is the last day to withdraw without academic penalty.

STUDENTS REQUIRING SPECIAL ACCOMODATION

FOR STUDENTS WITH DISABILITIES: Students with disabilities requiring academic accommodations are encouraged to contact a coordinator at the Paul Menton Centre for Students with Disabilities (ext 6608) to complete the necessary *letters of accommodation*. After registering with the Centre, please set up an appointment with the instructor to discuss your needs at least two weeks prior to the first in-class mid-term examination.

FOR RELIGIOUS OBSERVANCE:

Students requesting academic accommodation on the basis of religious observance should make a formal, written request to their instructor for alternate dates and/or means of satisfying academic requirements. Such requests should be made during the first two weeks of class, or as soon as

possible after the need for accommodation is known to exist, but no later than two weeks before the compulsory academic event.

Students who have questions or want to confirm accommodation eligibility of a religious event or practice may refer to the Equity Services website for a list of holy days and Carleton’s Academic Accommodation policies, or may contact an Equity Services Advisor in the Equity Services Department for assistance (ext. 5622).

FOR PREGNANCY: Pregnant students requiring academic accommodations are encouraged to contact an Equity Advisor in Equity Services (ext 5622) to complete a letter of accommodation. The student must then make an appointment to discuss her needs with the instructor at least two weeks prior to the first academic event in which it is anticipated the accommodation will be required.

FOR STUDENTS WITH DISABILITIES	Contact Paul Menton Centre (ext. 6608) to obtain letters of accommodations
FOR RELIGIOUS OBLIGATIONS	To be worked out on individual basis with instructor. Consult Equity Services Website or an Equity Advisor (ext. 5622) for Policy and list of Holy Days (www.carleton.ca/equity)
FOR PREGNANCY	Contact Equity Services (ext. 5622) to obtain letters of accommodations

ADDITIONAL STUDENT SUPPORT INFORMATION: Carleton University offers additional support at the Writing Tutorial Service (215PA), Student Life Services (501 Unicentre), and the Student Academic Success Centre (302 Tory).