SOC202H1S – L0201 (Winter Session - January/April 2013)
Quantitative Analysis in Social Science Research

Professor Scott Schieman
Tuesday, 10:10-12:00; AH100   **Office: 725 Spadina, #348**
Office Hours: By Appointment   **Phone: 416.946.5905**
E-mail: scott.schieman@utoronto.ca
TAs: Mitch McIvor (mitchell.mcivor@utoronto.ca) and Atsushi Narisada
(a.narisada@mail.utoronto.ca) [TA Office Hours TBA]

Prerequisite: The prerequisite to take this course is SOC200H1. Students without this prerequisite will be removed at any time they are discovered.

Course Objectives
This course will introduce students to the basic language and methods of quantitative analyses in sociology. My approach involves extensive use of examples from real research to illustrate the ideas, techniques, and interpretations of quantitative methods. Topics include univariate and descriptive techniques and bivariate techniques—including Chi-square, ANOVA, and regression.

Required Reading
The Statistical Imagination: Elementary Statistics for the Social Sciences, 2nd edition by Ferris Ritchey. (McGraw-Hill Publishers). It is essential that students read the assigned readings before each class period. My lectures and our discussions will be based on those readings. Therefore, they represent the fundamental core of the course. I may not cover every aspect of each reading during class periods. However, all of the readings may appear in the tests and exercises.

Course Details
Marks: There are 3 tests: Test 1 is worth 25% of your final mark. Test 2 is worth 50% of your final mark; Test 3 is worth 25% of your final mark. Test format is multiple choice, problem solving, short- and long-answer. **Note**: Tests are highly time intensive and will require the entire time period. Scientific calculators are required.

NOTE: Tardiness on test dates is highly disruptive to your fellow students—especially given the size of this class. It is unacceptable and will therefore result in a one-point deduction per each one (1) minute of late arrival after the start time. You must notify me in writing in advance if you anticipate being late. Your excuse must be one that is officially recognized U of T excuses (see below). Make the necessary arrangements in advance to arrive well before the start time of the tests. Everyone must be seated and ready to receive the test at 10:10. All tests will be written in the usual location of the course: AH100.

Student Conduct: Full and complete attendance is required for learning the material in this course. The class meets 12 times. Each class is an hour and fifty minutes. By remaining in the course, you are signaling your commitment to attend class (on time) and satisfy all requirements. I realize that many students work or have other obligations. However, if you have a scheduling conflict, I encourage you to consider other course options to avoid such conflicts. *Note*: If you have paid employment, you must make the necessary job-related scheduling arrangements to meet this course's requirements—including meetings with TAs during their scheduled office hours to review course materials and tests. Excessive lateness and other problematic behaviours (including in your interactions with and emails to me or the TAs) will not be tolerated and will result in mark penalties (5 marks of your final mark per incident) or possible punitive action at the discretion of the instructor. Any offensive or inappropriate content on tests will result in the mark of a zero (0) for the entire test and may also result in possible additional punitive action at the discretion of the instructor.

Policy Regarding Missed Tests: The privilege of taking a make-up test will only be granted in cases where there is legitimate, university-approved evidence of <u>very serious</u> illness or family emergency. Three types of documentation are considered "official": a U of T medical certificate, a college registrar's letter, and a letter from Accessibility Services. Excuses like "workloads, stress, work," and so on are not acceptable. Students must provide official documentation that is dated on the day of or day before the test (<u>not</u> after the test). Do <u>not</u> write the test and then later request a make-up or accommodation. If you miss the test, you must email me within 24 hours of the test. Make-up tests will only be offered within a 2 - 3 day period after the regularly scheduled date. I am strict about make-up tests to insure that the process is fair for all students. Students having academic- or health-related problems during the course should seek immediate guidance from their advisor, registrar, or other support services on campus.

Test Review Policy and Requests for Re-Marks: Tests will not be returned to students. However, all students may review their tests with the TAs <u>during the scheduled test review times</u> (TBA). During these sessions, the TAs will not be permitted to change marks or engage in one-on-one feedback about the content. If you have any concerns about your test marks, you may request a re-grade in writing (email) that specifies your reasons for the request. I will handle all requests and *will re-grade your entire test*. NOTE: Your test mark may increase, decrease, or remain the same as the mark provided by the TA.

Accessibility: Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability or health consideration that may require accommodations, Accessibility Services is your home base for support. It is important to contact the office as soon as you are accepted to U of T so that accommodations for your needs are in place before classes start. All information about your disability is confidential and won't be shared with units outside of Accessibility Services without your consent.www.accessibility.utoronto.ca. 416-978-8060.

Organization of Course and Reading Schedule*

DATE	TOPIC	READINGS

* **Please note**: This is a *tentative* schedule. Unforeseen circumstances sometimes require flexibility in scheduling. If that occurs, I will notify students and provide a revised schedule.

DATE	TOPIC	READINGS
January 8:	Introduction	Chapters 1
January 15:	Statistical Analysis; Charts/Graphs; Averages;	Chapters 2, 3, and 4
January 22:	Dispersion; Probability Theory	Chapters 5 & 6
January 29:	**Test 1**: Includes all materials up to this date.	
February 5:	Sampling Distributions; Confidence Intervals	Chapters 7 & 8
February 12:	Hypothesis Testing II; Bivariate Relationships	Chapters 9, 10 & 11
February 19:	No Class—Reading Week	
February 26:	ANOVA	Chapter 12
March 5:	Chi-Square	Chapter 13
March 12:	**Test 2**: Includes all post-Test 1 materials.	
March 19:	Correlation and Regression	Chapters 14 & 15
March 26:	Correlation and Regression	Chapters 14 & 15
April 2:	**Test 3**: Includes all post-Test 2 materials.	