

Course Outline

COURSE:	Quantitative Methods in Criminology (CRCJ 3001)
TERM:	Fall 2018
PREREQUISITES:	CRCJ 1000 and third-year standing in the B.A Honours program in Criminology and Criminal Justice
CLASS:	<i>Day & Time:</i> Wednesdays & Fridays 11:35-12:55 <i>Room:</i> Please check Carleton Central for location.
INSTRUCTOR:	Susan Yamamoto
CONTACT:	<i>Office:</i> C566 Loeb <i>Office Hours:</i> Wednesdays 1:15-2:15 <i>Email:</i> susanyamamoto@cunet.carleton.ca
TEACHING ASSISTANT:	TBD
CONTACT:	<i>Office:</i> TBD <i>Office Hours:</i> TBD <i>Email:</i> TBD

*Note: you **must** use your Carleton email address when emailing me or the TA and use CRCJ3001 as the subject*

Requests for Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request, the processes are as follows:

Pregnancy obligation: Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Religious obligation: Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Academic Accommodations for Students with Disabilities: If you have a documented disability requiring academic accommodations in this course, please contact the Paul Menton Centre for Students with Disabilities (PMC) at 613-520-6608 or pmc@carleton.ca for a formal evaluation or contact your PMC coordinator to send your instructor your Letter of Accommodation at the beginning of the term. You must also contact the PMC no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with your instructor as soon as possible to ensure accommodation arrangements are made. carleton.ca/pmc

Survivors of Sexual Violence: As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and is survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: carleton.ca/sexual-violence-support

Accommodation for Student Activities: Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. <https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf>

For more information on academic accommodation, please contact the departmental administrator or visit: students.carleton.ca/course-outline

COURSE DESCRIPTION

This course is designed to provide you with an overview of basic quantitative research concepts and practices, to the aim of becoming critical consumers of research. Topics include: development of research questions, reading peer-reviewed journal articles, measuring and manipulating variables, reliability and validity, sampling, experimental research designs, non-experimental and quasi-experimental designs, and research ethics. At the end of the course you will have the skills necessary to evaluate quantitative research, and a foundation on which to conduct your own research.

REQUIRED TEXTS

Gravetter, F. J., & Forzano, L.A. B. (2016). Research Methods for the Behavioural Sciences (5th ed.). Wadsworth-Cengage Learning. ISBN-13: 978-1-305-10413-6

This textbook is available for purchase at the Carleton University Bookstore.

EVALUATION

(All components must be completed in order to get a passing grade)

Standing in a course is determined by the course instructor subject to the approval of the Faculty Dean. This means that grades submitted by the instructor may be subject to revision. No grades are final until they have been approved by the Dean.

Test 1	15%	October 5 th
Test 2	15%	November 16 th
Final Exam	30%	Formal exam period (December 2018)
Quizzes (x5)	10%	Unscheduled
Assignments(x4)	20%	See schedule below
Article Critique	10%	December 5 th

TESTS: Tests 1 and 2 will cover the material directly preceding them, however the final exam is cumulative. Tests will be a combination of multiple choice and short answer.

IN-CLASS QUIZZES: Quizzes will consist of 10 multiple choice questions. Of the 5 quizzes, I will drop your lowest score. Missed quizzes will receive a 0; there are no make-ups.

ASSIGNMENTS: There will be four smaller assignments worth 5% each, as well as an article critique worth 10%. If you have questions about grading, please see the Teaching Assistant.

The article critique must be submitted as a Word document via cuLearn before the specified time. To submit your assignments, navigate to the course cuLearn page (<https://carleton.ca/culearn/>), click on the appropriate assignment drop box, and then click "Add Submission". You will then be able to upload your Word document to the drop box.

LATE ASSIGNMENTS: There will be no opportunities for makeup or supplemental/grade-raising assignments. Do your assignments early and submit them on time. Late assignments will be docked 10% per day the assignment is late, **including weekends** (i.e., each day of the weekend counts as a full day). If an assignment is more than 3 days late, it will automatically receive a grade of 0% (zero percent).

Note that an assignment is considered late if it is not fully submitted to the assignment portal on cuLearn by the end of the class period in which it is due. Assignments that are submitted as a draft will be presumed late. The assignment must be submitted before 12:55 p.m. on the day of class, in order for it to be considered on time. Assignments that are turned in after 12:55 pm on a due date will be considered one day late. Assignments that are turned in after 12:55 p.m. the following day will be considered two days late, and so on. You need to submit the assignment via cuLearn assignment portal; in general, assignments will **NOT** be accepted by email. If you have a major problem (such as prolonged illness), please let me know ahead of time. If you do not receive permission to turn in an assignment late before the day it is due, you will not be excused.

MAKEUP TESTS: If you miss a test for a legitimate, documented reason (e.g., serious illness with a written excuse, death in the family, etc.), I may, at my discretion, administer a makeup examination. I must be notified **before** the test in order for you to be eligible to write a makeup test. You can e-mail me (susanyamamoto@cunet.carleton.ca) or call the Institute of Criminology and Criminal Justice office (telephone number: 613-520-2588) prior to the examination. If you call, make sure you tell the person who takes your message to write down the time you called, so that I may verify that you called prior to the examination.

MISSED FINAL EXAM: If you plan to miss or have missed the final exam you must contact the Registrar's Office, NOT the instructor of the course exam missed.

GRADING SYSTEM

Letter grades assigned in this course will have the following percentage equivalents:

A+ = 90-100 B = 73-76 C - = 60-62 F = 0-49 (Failure. No academic credit.)
A = 85-89 B - = 70-72 D+ = 57-59
A - = 80-84 C+ = 67-69 D = 53-56
B+ = 77-79 C = 63-66 D - = 50-52

STATEMENT ON PLAGIARISM

The University Senate defines plagiarism as “presenting, whether intentionally or not, the ideas, expression of ideas or work of others as one’s own.” This can include:

- reproducing or paraphrasing portions of someone else’s published or unpublished material, regardless of the source, and presenting these as one’s own without proper citation or reference to the original source;
- submitting a take-home examination, essay, laboratory report or other assignment written, in whole or in part, by someone else;
- using ideas or direct, verbatim quotations, or paraphrased material, concepts, or ideas

- without appropriate acknowledgment in any academic assignment;
- using another's data or research findings;
 - failing to acknowledge sources through the use of proper citations when using another's works and/or failing to use quotation marks;
 - handing in "substantially the same piece of work for academic credit more than once without prior written permission of the course instructor in which the submission occurs."

Plagiarism is a serious offence that cannot be resolved directly by the course's instructor. The Associate Dean of the Faculty conducts a rigorous investigation, including an interview with the student, when an instructor suspects a piece of work has been plagiarized. Penalties are not trivial. They can include a final grade of "F" for the course.

INTELLECTUAL PROPERTY

Classroom teaching and learning activities, including lectures, discussions, presentations, etc., by both instructors and students, are copy protected and remain the intellectual property of their respective author(s). All course materials, including PowerPoint presentations, outlines, and other materials, are also protected by copyright and remain the intellectual property of their respective author(s).

Students registered in the course may take notes and make copies of course materials for their own educational use only. Students are not permitted to reproduce or distribute lecture notes and course materials publicly for commercial or non-commercial purposes without express written consent from the copyright holder(s).

ANONYMOUS COURSE FEEDBACK TOOL

I have set up an anonymous course feedback tool on the course cuLearn page. I encourage you to share your ideas about this course either anonymously using this tool or directly with me if you feel comfortable doing so. I am genuinely interested in hearing what you think went well in the course, what you think didn't go so well, as well as any suggestions you might have to improve the course in the future.

POLL EVERYWHERE

During some classes, we will use a website called *Poll Everywhere*, which allows you to submit anonymous responses (via text or through the website) to questions that I pose. You are not required to participate and there is no mark associated with these polls. The polls will help facilitate learning and are a chance to anonymously test your skills; I encourage you to take advantage of this tool. Detailed instructions will be provided in class.

SCHEDULE

The textbook chapters and supplemental readings will help you to better understand the lecture material. You are expected to have read the corresponding chapter prior to the class period for which it is assigned. Anything covered in the lectures, readings, and assignments will potentially be a test or quiz question.

Note: Schedule serves as a guide and may be subject to change.

	DATE	TOPIC	REQUIRED READING
Week 1	Sept. 5 th	Syllabus/Course Overview	
	Sept. 7 th	Knowledge & the Scientific Method	Ch 1 (pp. 1-34)
Week 2	Sept. 12 th	Research Ideas, Lit Searches, & APA Style	Ch 2 (pp. 37-61) Ch 16 (pp. 495-516)
	Sept. 14 th	Ethics	Ch 4 (pp.99-127)
Week 3	Sept. 19 th	Defining/Measuring Variables + Assign 1 due	Ch 3 (pp. 63-96)
	Sept. 21 st	Selecting Participants	Ch 5 (pp. 131-150)
Week 4	Sept. 26 th	Research Strategies	Ch 6 (pp. 153-165)
	Sept. 28 th	Internal and External Validity + Assign 2 due	Ch 6 (pp. 165-184)
Week 5	Oct. 3 rd	Review	
	Oct. 5 th	Test 1	
Week 6	Oct. 10 th	Experiments	Ch 7 (pp. 187-216)
	Oct. 12 th	Between Subjects Designs	Ch 8 (pp. 219-240)
Week 7	Oct. 17 th	Within Subjects Designs	Ch 9 (pp. 249-264)
	Oct. 19 th	Quasi Experimental Designs + Assign 3 due	Ch 10 (pp. 279-292)
Week 8	Oct 22 nd -26 th	FALL BREAK, NO CLASSES	
Week 9	Oct. 31 st	Quasi Experimental Design Continued	Ch 10 (pp. 292-307)
	Nov. 2 nd	Factorial Designs	Ch 11 (pp. 311-325)
Week 10	Nov. 7 th	Factorial Designs Continued	Ch 11 (pp. 325-333)
	Nov. 9 th	Correlational Designs	Ch 12 (pp.347-365)
Week 11	Nov. 14 th	Review + Assign 4 due	
	Nov. 16 th	Test 2	
Week 12	Nov. 21 st	Descriptive Research Strategy	Ch 13 (pp.369-393)
	Nov. 23 rd	Statistics	Ch 14 (pp. 441-451)
Week 13	Nov. 28 th	Statistics Continued	Ch 14 (pp. 460-476)
	Dec. 30 th	Disseminating Research	Ch 16 (pp. 517-525)
Week 14	Dec. 5 th	Review + Article Critique due	
	Dec. 7 th	Virtual Study Session	

Final exam: During formal exam period (TBD)