



CRCJ 3001 - B

Quantitative Methods in Criminology

Course Outline - Winter 2017

CLASS INFORMATION:

Lecture Dates: January 9th – April 3rd, 2017

Lecture Time: Mondays 8:35-11:25 am

Location: Please check with Carleton Central for current room location

Course prerequisites: Third-year standing in the B.A Honours program in Criminology and Criminal Justice.

Precludes additional credit for: PSYC 2001, PSCI 2702, PSYC 2000

cuLearn: Class materials and PPTs will be available

INSTRUCTOR INFORMATION:

Instructor: Donna Mailloux

E-mail : Donna.Mailloux@carleton.ca

All correspondence between the instructor, TA's, and the students must be done using a Carleton e-mail address. Instructors and TA's are not permitted to reply to e-mails originating from another source. Please note that I am most accessible via email and will typically respond within a few hours.

Office hours: I will hold office hours before every lecture in the classroom and **Thursdays 10-11 in Loeb B544**. Additional office hours will be made by appointment only.

TEACHING ASSISTANT INFORMATION:

NOTE. It is the responsibility of the teaching assistant to grade assignments and exams and provide ongoing student support for course material. Please contact the TA first if you have any questions about your grades.

Name: Shanna Hickey

E-mail: shannahickey@cmail.carleton.ca

Office: TBA

Office hours: by APT

COURSE OBJECTIVES:

The main goal of this class will be to introduce you to the application of the scientific method. This class will be a combination of lecture format, group work, and class activities. It will be an interactive class so that you can maximize your learning using a more applied style. To get the most out of this class, assigned readings should be done before class and all necessary materials printed from Web CT. **More specifically, you will learn:**

1. To understand how science works and how it is applied to the study of criminal behaviour;
2. To learn what needs to be considered when designing a research study for the behavioral sciences (e.g., ethics, participants, procedures, designs etc.);
3. To understand how scientific research is disseminated and how scientific journal articles are structured and written using the American Psychological Association (APA) style;
4. To understand and use a few basic descriptive statistics to summarize data and to use Microsoft Excel to compute basic statistics and to plot graphs;
5. To become a better consumer of scientific information presented to you by developing and applying the necessary critical literacy skills to various scientific articles.

In the end, your research methods class will allow you to develop your knowledge and understanding of research methodology that will support your learning in other classes you will take.

TEXTBOOK:

Gravetter & Forzano (2016). Research Methods for the Behavioral Sciences (5th ed.). Wadsworth. Older editions of the textbook are acceptable to use. Copies of the textbook have been placed on reserve in the library.

cuLearn (website):

CHECK cuLearn regularly!

On this site you will find the course outline, schedule, several discussion forums, updates, in class assignments, grades, and a variety of useful links. It is going to be a dynamic space with many opportunities for you to make a meaningful contribution to the course and connect with your peers. The discussion forums represent an excellent place in which to ask questions of your colleagues, the instructor, and the TA, and to share your thoughts on the material, post interesting and relevant links, arrange study groups, etc. The discussion forums are monitored and only course related and appropriate content is permitted to be posted. You are encouraged to discuss any personal issues/views you have related to the course and/or your learning directly with the instructor as the discussion boards are not the forum for this type of discussion.

All updates to the syllabus and all detailed information regarding assignments and papers will be posted on cuLearn.

All materials for assessment purposes will be submitted and returned via cuLearn. It is your responsibility to ensure that your work has been submitted. Any uploading errors of any sorts are not the responsibility of the instructor and will be penalized in accordance with the above rules.

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 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 this course may take notes and make copies of course material 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).

EVALUATIONS:

Type	% of grade
Presentation	20%
Class Assignments & Quizzes (6/7)	20%
MIDTERM (Feb 27)	30%
Final Summative paper (April 3 rd)	30%

EVALUATION DETAILS:

MIDTERM (Feb 27): This midterm will cover content in the lectures and textbook from weeks 1-6 and will be a combination of short answer and multiple-choice. ***This midterm must be completed to pass this course.***

ASSIGNMENTS: Most assignments can be completed during class time. Details of the assignments will be provided throughout the term during class and on cuLearn. Group work is a very important component of learning and will be the format of most in class assignments. Group members are expected to contribute equally to the assignments, as the overall mark reflects everyone's work. Please ensure components of the assignments are delegated fairly and equally.

FINAL SUMMATIVE PAPER (Due April 3rd, 11 pm): For this paper, each student will write a 4-6 page original research proposal that integrates all of the content learned in this class and is an extension of the presentation. More detailed information will be provided during class and on cuLearn. ***This paper must be completed to pass this course.***

PRESENTATIONS: This will be an individual presentation within a team of students interested in the same topic within criminal justice. This presentation will summarize one quantitative research article with emphasis on critical thinking skills as it applies to the course content. ***Attendance at the presentations will be taken to ensure you completed the quiz during class time.***

QUIZZES: Quizzes will cover the content presented during the presentations and will be available for completion on cuLearn after each presentation. Students must be in class for the presentation for the quiz to become available to them. ***Attendance will be used to determine eligibility for the quiz.***

POLICY ON MISSED OR LATE MIDTERM/ASSIGNMENTS/QUIZZES:

Midterm (Feb 27): If you miss the midterm, you are required to notify the TA and the instructor in writing within 24 hours. Provided you have valid documentation (at the instructor's discretion), you will be permitted to write the makeup exam. This exam normally occurs within the week after the original midterm. There is only one time in which this makeup will be provided and it is expected that you will make this time. The date, time, and location will be provided to all students a month before the midterm to ensure that you leave that time available should you miss the midterm. ***This midterm must be completed to pass this course.***

Assignments/Quizzes: You are permitted to drop the lowest mark on **one** assignment **or** quiz out of the 7. If you miss an assignment **OR** quiz for any reason (e.g. sick) this will be the one that you drop. Please ensure that you save this one in case you are sick as no makeups will be provided. A 5% per day late deduction will be adhered to when assignments are handed in late. See Page 4 for due dates.

Final Summative Paper (April 3): A 5% per day late deduction will be adhered to when the paper is submitted after the deadline established in the course syllabus (April 3rd) up to a maximum of 5 days late. ***This paper must be completed to pass this course.***

POLICY ON SUPPLEMENTAL AND GRADE RAISING ASSESSMENTS:

Supplemental and Grade-raising examinations are **not available** in this course. If assessments are not completed, the instructor does not support the reweighting of grade distribution (e.g., offering an exam that is worth 100% of the final grade).

CLASS SCHEDULE

Week	Date	Topic/Readings
W1	Jan 9 (Chap 1)	The research process: Ways of knowing, science, research questions
W2	Jan 16 (Chap 2)	Creating hypotheses; Gathering and using Background information (PsychINFO); (Assignment 1 Due Jan 23, 8:30 am)
W3	Jan 23 (Chap 3)	Defining and Measuring variables; Measurement reliability & validity
W4	Jan 30 (Chap 5-6)	Sampling; Research strategies; Internal and external validity (Assignment 2 Due Feb 6, 8:30 am)
W5	Feb 6 (chap 7-9)	Experimental Controls; Between and within designs; Overview of Presentations
W6	Feb 13 (Chap 4)	Ethics
W7	Feb 20	FALL BREAK NO CLASS
W8	Feb 27	MIDTERM in Class
W9	Mar 6 (Chap 15)	Statistical evaluation of data (assignment 3 due in class)
W10	Mar 13	Presentations (QUIZ)
W11	Mar 20	Presentations (QUIZ)
W12	Mar 27 (Chap 16)	How to write a quantitative research proposal; APA (Assignment 4 Due In class)
W13	April 3	Presentations (QUIZ) METHODS PAPER DUE BY 11:00 PM

****Note: This schedule is intended to be a guide and may be subject to change.***

REGULATIONS AND INFORMATION

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: write to me 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 see the [Student Guide](#)

Religious obligation: write to me 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 see the [Student Guide](#)

Academic Accommodations for Students with Disabilities: The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your **Letter of Accommodation** at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (*if applicable*). **Requests made within two weeks will be reviewed on a case-by-case basis.** After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website (www.carleton.ca/pmc) for the deadline to request accommodations for the formally-scheduled exam (*if applicable*).

PETITIONS TO DEFER

Students unable to complete a final term paper or write a final examination because of illness or other circumstances beyond their control or whose performance on an examination has been impaired by such circumstances may apply within three working days to the Registrar's Office for permission to extend a term paper deadline or to write a deferred examination. The request must be fully and specifically supported by a medical certificate or other relevant documentation. Only deferral petitions submitted to the Registrar's Office will be considered.

WITHDRAWAL WITHOUT ACADEMIC PENALTY

The last day to withdraw from a Fall 2016 course, without academic penalty, is Dec. 9, 2016. The last day to withdraw from a Fall/Winter or Winter 2017 course, without academic penalty, is April 7, 2017.

OFFICIAL FINAL EXAMINATION PERIOD

Fall 2016 courses: Dec. 10-22, 2016 and Winter 2017 courses: April 10-25, 2017 (may include evenings & Saturdays or Sundays)

For more information on the important dates and deadlines of the academic year, consult the [Carleton 2016-2017 Calendar](#).

PLAGIARISM

The University Senate defines plagiarism as “*presenting, whether intentional 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 using 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, which cannot be resolved directly with the course's instructor. The Associate Deans of the Faculty conduct 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 range from a mark of zero for the plagiarized work to a final grade of "F" for the course, and even suspension from all studies or expulsion from the University.

GRADING SYSTEM

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

A+ = 90-100 B = 73-76 C - = 60-62

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

F Failure. No academic credit

ABS Absent from the final examination

DEF Official deferral (see "Petitions to Defer")

FND "Failed, no Deferral" – assigned when the student is absent from the final exam and has failed the course on the basis of inadequate term work as specified in the course outline.

Standing in a course is determined by the course instructor, subject to the approval of the Chair and Faculty Dean.

RESOURCES

Institute of Criminology and Criminal Justice	613-520-2588 (Loeb C562)
Registrar's Office (3500)	300 Tory
Student Academic Success Centre (7850)	302 Tory
Paul Menton Centre (6608)	500 Unicentre
Writing Tutorial Service	4 th floor Library
Tutor referral services	http://www1.carleton.ca/sasc/learning-support-services/tutor-referral-service/
Learning Support Services	4 th floor Library