

Psyc 202 Queen's University – Statistics in Psychology (revised Sept. 10)

Fall 2013

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Instructor:	Ronald R. Holden	Office Hours:	Wednesday 1:00 – 2:00 pm
Phone:	613-533-2879	Office Location:	Humphrey Hall 352
Email:	holdenr@queensu.ca		

Lecture Room: Humphrey Auditorium	Lecture Day & Time:	Monday	4:00 – 5:30 pm
		Wednesday	2:30 – 4:00 pm

Labs are scheduled for 1.5 hours.

Lab Room: Humphrey Hall 219

Lab Section, Day, & Time:

COURSE DESCRIPTION:

This course provides a basic introduction to data management and analysis - from the formulation of interesting research questions, through the design of experiments and statistical analysis, to final publication of results in papers and seminars. Emphasis is on the use of computers to facilitate this process, on the practical application of statistical methods, and on developing analytic and critical thinking.

LEARNING GOALS:

This course will introduce you to the basic concepts of statistics. The focus will be on understanding how statistics work and how to use its tools appropriately. The course will give you the necessary background to appropriately collect and correctly analyze your own data, and also to understand and critically evaluate published results. In addition, the aim is to provide you with the basic knowledge to deal with more advanced concepts in future courses or applications. Finally, the course will introduce you to statistical software that will be useful for the rest of your academic career.

LEARNING OBJECTIVES:

This course has four main objectives. First, it will explain the foundations of statistical methodology. Even though we will encounter mathematical formulae, the aim is to relate the mechanics behind statistical tools rather than mathematical theory. Second, we will use this foundation to determine how best to collect data

and, once that step is accomplished, we will determine which statistical tools are most effective and suitable

To access SPSS v.21 at the QLC:

- log in to a computer using your netid and password
- open desktop folder "Microsoft Office & Other Programs"
- open subfolder "Statistical Analysis Software"
- open IBM SPSS Statistics 21
- * Remember to save work frequently to a

your lab section, your last name, and your Assignment number. For example, if your name is Jane Doe and your lab section is Section 005 (that has Amanda Timmers as a Teaching Assistant) and you are submitting Assignment 2, then the subject line of your email submission should be:

Timmers Section 005 Doe Assignment 2

Both hand-in and email submissions are required and must be identical. In general, there are no extensions. However, if you have an important reason why you may not be able to hand an assignment in on time, and inform the TA or the course instructor of this reason in advance of the deadline, we may be able to mark it as handed in on time. Late assignments will be penalized 10% per day.

Handing in Late Assignments: If you are handing an assignment in late, you MUST submit a paper copy of the assignment to the Psyc 202 drop box located on the third floor of Humphrey Hall, directly above the computer lab. You must also email the administrative T.A., Michael Grossman (michael.grossman@queensu.ca), at the time you submit the assignment so that he will know to pick the assignment up, and you must submit your assignment by email to psyc202@queensu.ca

Missed Exams: If you know that you will not be able to write an exam, you must inform the course instructor in advance. Otherwise, all missed exams will RECEIVE A GRADE OF ZERO.

Evaluation:	6 Assignments – 2% each	= 12%
	Midterm	= 40%
	Final Exam	= 48%

All components of this course will receive numerical percentage marks. The final grade you receive for the course will be derived by converting your n g you

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COURSE ASSIGNMENTS

Assignments are short write-

Week 2: _____ I
Sept. 16 Lect. 3 – Central Tendency Ch. 3
Sept. 18 ~~Sept. 23~~ Variability Ch. 4

Week 3: _____ H
Sept. 23

PSYC Departmental Policies

Missed Exams

Students who cannot write an exam during the December or April exam period due to a serious, extenuating circumstance (illness, death in the family) must follow the steps below to be eligible, and be available to write a deferred exam

Make up Exam period January 10th/11th, April 28th, or September 12th/13th, 2014.

1. Obtain permission from their instructor to write a deferred exam. This requires notifying your instructor in advance or, under extraordinary circumstances, within 72 hours after, the exam, with appropriate documentationⁱ. Please use the *Request for an Exam Deferral* form found on our website or from the UG office and attach your documentation.
2. Complete and return the instructor-signed *Permission for an Incomplete Grade* form available on the Arts and Science website and return it to the UG office.
3. Be available to write the makeup exam during the first available PSYC *Make up Exam period* January 10th/11th, April 28th, or September 12th/13th, 2014.

NOTE: Students who do not write the makeup exam are advised to drop the course. If a student cannot write the makeup exam due to a serious extenuating circumstance for which they can provide new documentation, they will either be granted a second deferral by their instructor or be supported in their appeal to drop the course after the deadline though this decision rests with the Associate Dean (Studies).

Accommodation after the fact

Once a student has written a 74 Tm[, or)-or oi