

Psyc 202

Statistics in Psychology

Fall 2012

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Wednesday 13:00 – 14:00
Humphrey Hall 352

Dunning Auditorium

Monday 16:00 – 17:30
Wednesday 14:30 – 16:00

Humphrey Hall 219

and, once that step is accomplished, we will determine which statistical tools are most effective and suitable for the analysis of your data (you don't want to grab a hammer if you've got a screw). Third, you will learn how to interpret and critically discuss statistical results presented in papers and presentations.

academic integrity is available in the Arts and Science Calendar (see Academic Regulation 1 <http://www.queensu.ca/artsci/academic-calendars/2011-2012-calendar/academic-regulations/regulation-1>), on the Arts and Science website (see <http://www.queensu.ca/artsci/academics/undergraduate/academic-integrity>), and from the instructor of this course. Departures from academic integrity include plagiarism, use of unauthorized materials, facilitation, forgery and falsification, and are antithetical to the development of an academic community at Queen's. Given the seriousness of these matters, actions which contravene the regulation on academic integrity carry sanctions that can range from a warning or the loss of grades on an assignment to the failure of a course to a requirement to withdraw from the university.

They start in . Following week 2, teaching labs are scheduled in weeks 4, 6, 7, 9 and 11.

The main objective is to get hands-on experience with some of the concepts covered in the course and with SPSS. Thus, the teaching labs are crucial in gaining the knowledge you need to complete assignments and projects. In addition, we will repeat and/or deepen some points from lectures and textbook.

Help labs are scheduled starting in week 3, and then in weeks 8, 10 and 12. Even though they are not compulsory, please attend the lab period you are scheduled for, if you need help. This simply ensures that you won't have to wait in a long line-up to get the help you require. It will also allow us to spend more time with each of your questions. The main focus of these labs is to help you with the completion of the assignments. However, if you have trouble understanding a concept from the lecture or textbook, this period is also an excellent time to get your questions answered and problems solved. A TA will be in the le tejTJ5(n(re0 1 4834.7lv)8(e

MIDTERM	October 24	40%	Multiple choice and short answer
FINAL	TBA – scheduled during exam period	45%	Multiple choice and short answer

Here is a schedule with lecture and tutorial topics. Please be advised that this is a work-in-progress. Lecture topics may change or be rescheduled, depending on our progress and interest.

To prepare for lectures, read the assigned readings in the textbook. At the very least, skim through the appropriate chapters so you have a good idea what I will be talking about.

Lecture notes will be available as pdf files. You can download them from the Moodle course page. In fact, most likely you will not be able to make sense of the lecture notes without having attended the lectures.

*Weeks where the LAB column is labelled with a indicate teaching labs. Weeks where the LAB column is labelled with an indicate help labs.

Sept. 10	Lect. 1 – Intro to Stats; Variables & Measurement	Ch. 1	
Sept. 12	Lect. 2 – Frequency Distributions	Ch. 2	Assign. 1 available on Friday
Sept. 17	Lect. 3 – Central Tendency	Ch. 3	
Sept. 19	Lect. 4 – Variability	Ch. 4	
Sept. 24	Lect. 5 – z-scores	Ch. 5	
Sept. 26	Lect. 6 – Probability	Ch. 6	Assign. 2 available on Friday
Oct. 1	Lect. 7 – Probability & Samples	Ch. 7	
Oct. 3	Lect. 8 – Intro to Hypothesis Testing	Ch. 8	
Oct. 8		Ch. 8	
Oct. 10	Lect. 9 – Intro to t-statistic	Ch. 9	Assign. 3 available on Friday
Oct. 15	Lect. 10 – Independent Samples t-test	Ch. 10	
Oct. 17	Lect. 11 – Paired Samples t-test	Ch. 11	
Oct. 22	Mid-term exam review		

Oct. 24

Assign. 4 available on Friday

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 11/12th, April 29th, or September 13/14, 2013.

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 11/12th, April 29th, or September 13/14, 2013.

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 an exam or submitted an assignment, they may not subsequently be granted accommodation such as being offered a second opportunity to write the exam or assignment or have it count for less than originally specified in the course syllabus (reweighted).

Travel during exams

According to university regulations, students are expected to be available to write scheduled exams at any time during the official December and April examination periods as well as during any scheduled class times. Requests to write a make-up exam because of conflicting travel plans (e.g. flight bookings) or requests to miss an in class exam due to other plans will NOT be considered except under extraordinary circumstances. Students are advised to wait until the final exam schedules are posted before making any travel arrangements.

ⁱ Appropriate documentation includes a signed letter from a registered health professional, Queens HC&DS, or documentation of a death such as a bulletin from a memorial service, obituary (newspaper or online) or funeral home letter. Official documents will be copied and originals returned to the student. Note that the PSYC department randomly checks document authenticity and that fraudulent documents will be grounds for a finding of a major departure from academic integrity.