

PSYB07 Syllabus – Fall 2016

Data Analysis in Psychology

Lectures location: SY 110

Lectures times: Wednesdays 2 - 5 pm

Course Instructor:

Dwayne E. Paré

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Office: SW415

Teaching Assistants: TA info is posted on the Blackboard course page.

Course Description: This course is focused on the fundamentals (both theory and application) of statistical procedures used in research in the field of psychology. We will cover methods researchers often use to analyze their data – ranging from descriptive statistics to simple tests of significance, such as Chi-square, t-tests, correlation and regression.

Textbook: Statistical Methods in Psychology

Author: David C. Howell **Edition:** 8th (or 7th)

Course Evaluation: Your final grade in the course will be based on:

Quizzes (5 x 2% = 10%):

You will be given a number of ‘pop’ quizzes and online quizzes throughout the term. Pop quizzes will be given during tutorial. Your lowest quiz score (either pop or homework) will be dropped. There will be at least 6 quizzes in total.

Online Activities (4 x 3% = 12%):

There will be 4 Online Activities in the course to give you some hands on experience with data and/or other interesting experiences. Details about each activity will be posted on Blackboard throughout the term. These activities are to supplement the lecture-time and will be given on a semi-regular basis.

Assignments (8%):

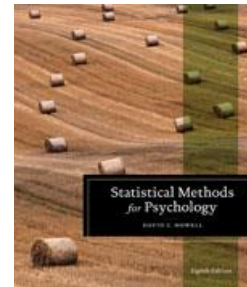
You will have 1 Assignment for this course. The assignment will be handed in during tutorial and/or online. Details of the assignment(s) will be posted on Blackboard.

Mid-term examination (35%):

The date for the mid-term examination will be posted and announced early in the term (check Blackboard announcements regularly).

Final examination (35%)

The date for the final examination will be published by the registrar's office sometime during the term.



The exams will be 3 hours long and will assess your theoretical understanding of the material as well as your ability to solve problems.

Tentative Course Outline (please refer to lectures & slides for material covered):

Date	Week	Topic	Chapters
Sept 7	1	Introduction	
Sept 14	2	Basic Concepts	1 & 2
Sept 21	3	Descriptive Statistics and graphing	2
Sept 28	4	Probability	5
Oct 5	5	Normal distribution	3
Oct 12		Reading Week (No class or tutorials)	
Oct 19	6	Midterm Review (tentative)	
Oct 26	7	Intro to hypothesis testing and power	4
Nov 2	8	t-tests	7
Nov 9	9	t-tests continued	7
Nov 16	10	Chi-square	6
Nov 23	11	Correlation and Regression	9
Nov 30	12	Final Review	

Make-Ups (quizzes & exams):

Make-up quizzes are not given; you are expected to be in tutorial to write the pop quizzes and will be given a few days for online quizzes. Make-up mid-terms are only given if appropriate documentation is provided to the department. Do not phone or e-mail your instructor or TA concerning missed exams.

In the case of medical illness, only original copies of the official [UTSC Verification of Illness Form](#) will be accepted. Other acceptable documentation for missed term work include: record of visit to an emergency room, a copy of a death certificate, a note from a mental health professional (on letterhead), a note from a Varsity/Olympic coach, a note from a UTSC Student Service Office such as Health & WellNess or Accessibility Services. Documents covering the following situations are NOT acceptable: anything related to personal travel, medical prescriptions, weddings/personal/work commitments. All documents must be accompanied by the [departmental request form](#) and submitted within 3 business days of the missed test or assignment. The documentation MUST cover the date of the term test or assignment due date. If not, it will not be accepted.

Deferred Exams:

For final exams, UTSC sets the policies (not the course instructor). You are allowed to defer your exam if you cannot write it - but you must follow the university's procedures. Please see this link for information on how to defer a final exam: http://www.utsc.utoronto.ca/~registrar/current_students/deferred_exams

Policies on Academic Integrity

Please review the UTSC Code on Academic Behaviour:

http://www.utsc.utoronto.ca/courses/calendar/University_of_Toronto_Policies.html#Code_of_Behaviour_on_Academic_Matters

AccessAbility

Students with diverse learning needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible. The UTSC AccessAbility Services staff (located in S302) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations (416) 287-7560 or ability@utsc.utoronto.ca. The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.

The above schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances.