

## PSYB07 Syllabus – Summer 2017

### Data Analysis in Psychology

**Lectures location:** MW 110

**Lectures times:** Wednesdays 2 - 5 pm

**Course Instructor:**

Dwayne E. Paré

[dwayne.pare@utoronto.ca](mailto:dwayne.pare@utoronto.ca)

**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:** 8<sup>th</sup> (or 7<sup>th</sup>)

**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%):**

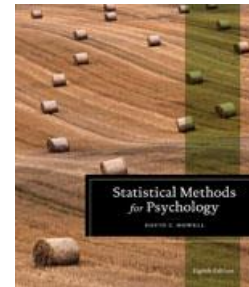
There will be 4 Online Activities in the course to give you some hands on experience with data and/or other interesting experiences. Details about each activity will be posted on Blackboard throughout the term. These activities are to supplement the lecture-time and will be given on a semi-regular basis.

**Assignments (8%):**

You will have 1 Final Assignment for this course. 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):

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

## UTSC Department of Psychology Policies

### Missed Term Work (Quizzes, Activities Assignments or midterm exam) due to Medical Illness or Emergency Policy:

All students citing a documented reason for missed term work must bring their documentation to the Psychology Course Coordinator, Ainsley Lawson, **within three (3) business days** of the assignment due date.

**\*\* All requests must be accompanied by the [Request for Missed Term Work form](http://uoft.me/PSY-MTW) \*\*** (<http://uoft.me/PSY-MTW>)

In the case of missed term work due to **illness**, only an **original copy** of the official [UTSC Verification of Illness Form](http://uoft.me/UTSC-Verification-Of-Illness-Form) will be accepted (<http://uoft.me/UTSC-Verification-Of-Illness-Form>). Forms are to be **completed in full**, clearly indicating the start date, anticipated end date, and severity of illness. The physician's registration number and business stamp are required.

In the case of **medical emergency**, an original copy of the record of visitation to a hospital emergency room should be provided.

In the case of a **death of a family member**, a copy of a death certificate should be provided.

In the case of a **disability-related** concern, an email communication should be sent directly to the Course Coordinator ([psychology-undergraduate@utsc.utoronto.ca](mailto:psychology-undergraduate@utsc.utoronto.ca)) from your Disability Consultant at AccessAbility Services. The course instructor should also be copied.

For U of T **Varsity athletic commitments**, an email communication should be sent directly to the Course Coordinator (psychology-undergraduate@utsc.utoronto.ca) from a coach or varsity administrator should be submitted, **in advance** of the missed work.

Documents covering the following situations are **NOT acceptable**: medical prescriptions, anything related to personal travel, weddings/personal/work commitments.

Your [request form](#) and [medical](#)/other documents must be submitted in person **within 3 business days** of the missed test or assignment. Forms should be submitted to **SW427C between 9 AM - 4 PM**, Monday through Friday. You will receive an email response from the Course Instructor / Course Coordinator detailing the accommodations to be made (if any). You are responsible for checking your official U of T email daily, as accommodations may be time-critical. The Course Instructor reserves the right to decide what accommodations (if any) will be made for the missed work.

Note that this policy applies only to missed term work (assignments and midterms). Missed final exams are handled by the Registrar's Office (<http://www.utsc.utoronto.ca/registrar/missing-examination>)

**Failure to adhere to any aspect of this policy may result in a denial of your request for accommodation.**

### **Missed Final 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](http://www.utsc.utoronto.ca/~registrar/current_students/deferred_exams)

### **AccessAbility statement:**

Students with diverse learning styles and 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 as soon as possible.

AccessAbility Services staff (located in Rm SW302, Science Wing) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations [416-287-7560](tel:416-287-7560) or email [ability@utsc.utoronto.ca](mailto: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.

### **Academic Integrity:**

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Toronto is a strong signal of each student's individual academic achievement. As a result, the University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters

(<http://www.governingcouncil.utoronto.ca/Assets/Governing+Council+Digital+Assets/Policies/PDF/ppjun011995.pdf>) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences. Potential offences include, but are not limited to:

In papers and assignments:

- Using someone else's ideas or words without appropriate acknowledgement;
- Submitting your own work in more than one course without the permission of the instructor;
- Making up sources or facts;
- Obtaining or providing unauthorized assistance on any assignment.

On tests and exams:

- Using or possessing unauthorized aids;
- Looking at someone else's answers during an exam or test;
- Misrepresenting your identity; and
- When you knew or ought to have known you were doing it.

In academic work:

- Falsifying institutional documents or grades;
- Falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes; and
- When you knew or ought to have known you were doing so.

All suspected cases of academic dishonesty will be investigated following procedures outlined in the Code of Behaviour on Academic Matters. If students have questions or concerns about what constitutes appropriate academic behaviour or appropriate research and citation methods, they are expected to seek out additional information on academic integrity from their instructors or from other institutional resources.

Note:

You may see advertisements for services offering grammar help, essay editing and proof-reading. Be very careful. If these services take a draft of your work and significantly change the content and/or language, you may be committing an academic offence (unauthorized assistance) under the *Code of Behaviour on Academic Matters*.

It is much better and safer to take your draft to the Writing Centre as early as you can. They will give you guidance you can trust. Students for whom English is not their first language should go to the English Language Development Centre.

If you decide to use these services in spite of this caution, you must keep a draft of your work and any notes you made before you got help and be prepared to give it to your instructor on request.