

**PSYB07 Syllabus – Fall 2018**  
Data Analysis in Psychology

**Lectures location:** SY110

**Lectures times:** Wednesdays 2 - 5 pm \*(classes will begin at 2:30pm and end around 4:30pm to give us 1 hr for some active participation online - any changes to this schedule will be announced)

**Course Instructor:**

Dwayne E. Paré

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

**Office:** SW415

**Teaching Assistants:** TA info is posted on the Quercus 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:** textbook info is posted on the Quercus course page

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

**Quizzes (4 x 2% = 8%):**

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 5 Online Activities in the course to give you some hands on experience with data and/or other interesting experiences (your lowest activity mark will be dropped). Details about each activity will be posted on Quercus throughout the term. These activities are to supplement the lecture-time and will be given on a semi-regular basis.

**Assignment (10%):**

You will have 1 Final Assignment for this course. Details of the assignment(s) will be posted on Quercus.

**Mid-term examination (35%):**

The date for the mid-term examination will be posted and announced early in the term (check Quercus 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
1	Introduction
2	Basic Concepts
3	Descriptive Statistics and graphing
4	Probability
5	Normal distribution
	Reading Week (No class or tutorials)
6	Midterm Review (tentative)
7	Intro to hypothesis testing and power
8	t-tests
9	t-tests continued
10	Chi-square
11	Correlation and Regression
12	Final Review

## UTSC Department of Psychology Policies

### Missed Term Work due to Medical Illness or Other Emergency:

All students citing a documented reason for missed term work must bring their documentation to the Psychology Course Coordinator in SW427C **within three (3) business days** of the assignment due date. You must bring the following:

- (1.) A completed Request for Missed Term Work form (<http://uoft.me/PSY-MTW>), and
- (2.) Appropriate documentation to verify your illness or emergency, as described below.

### Appropriate Documentation:

For missed **TERM TESTS** due to ILLNESS:

- Submit an **original** copy of the official UTSC Verification of Illness Form (<http://uoft.me/UTSC-Verification-Of-Illness-Form>) or an **original** copy of the record of visitation to a hospital emergency room. 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.

For missed **ASSIGNMENTS** due to ILLNESS:

- Submit **both** (1.) a **hardcopy** of the Self-Declaration of Student Illness Form (<http://uoft.me/PSY-self-declare-form>), and (2.) the **web-based** departmental declaration form (<http://uoft.me/PSY-self-declare-web>).

For missed term tests or assignments in OTHER CIRCUMSTANCES:

- 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 from your Disability Consultant at AccessAbility Services should be sent directly to both the Course Coordinator ([psychology-undergraduate@utsc.utoronto.ca](mailto:psychology-undergraduate@utsc.utoronto.ca)) and your instructor, detailing the accommodations required.
- For U of T Varsity **athletic commitments**, an email from your coach or varsity administrator should be sent directly to the Course Coordinator ([psychology-undergraduate@utsc.utoronto.ca](mailto:psychology-undergraduate@utsc.utoronto.ca)), detailing the dates and nature of the commitment. The email should be sent **well in advance** of the missed work.

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

Procedure:

Submit your (1.) [request form](#) and (2.) [medical/self-declaration](#)/other documents in person **WITHIN 3 BUSINESS DAYS** of the missed term test or assignment.

**Submit to:** Course Coordinator, Room SW427C, Monday – Friday, 9 AM – 4 PM

If you are unable to meet this deadline for some reason, you must contact the Course Coordinator via email ([psychology-undergraduate@utsc.utoronto.ca](mailto:psychology-undergraduate@utsc.utoronto.ca)) within the three business day window. Exceptions to the documentation deadline will only be made under exceptional circumstances.

Within approximately one week, 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 and Quercus course announcements daily, as accommodations may be time-critical.

Completion of this form does NOT guarantee that accommodations will be made. The course instructor reserves the right to decide what accommodations (if any) will be made. **Failure to adhere to any aspect of this policy may result in a denial of your request for accommodation.**

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

### **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.