

***Developmental Psychology Laboratory***

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| <b>Instructor:</b>         | <i>Mark A. Schmuckler</i>  |
| <b>Email:</b>              | <a href="mailto:mark.schmuckler@utoronto.ca"><u>mark.schmuckler@utoronto.ca</u></a>  |
| <b>Office Hours:</b>       | <i>Friday, 12:00 – 1:00 pm EST, or by appointment</i>  |
| <b>Email Policy:</b>       | <ul style="list-style-type: none"><li>• <i>Please include “PSYC72” at the beginning of the subject line in all email correspondence</i></li><li>• <i>Email MUST originate from your designated UToronto email account; emails originating from other email accounts WILL NOT BE answered</i></li></ul> |
| <b>Course Hours:</b>       | <i>Wednesday 9:00 – 11:00 am EST</i>   |
| <b>Course Location:</b>    | <i>Online, using Bb Collaborate</i>  |
| <b>Teaching Assistant:</b> | <i>Michelle Mcphee</i>   |
| <b>Email:</b>              | <a href="mailto:michelle.mcphee@mail.utoronto.ca"><u>michelle.mcphee@mail.utoronto.ca</u></a>  |
| <b>Office Hours:</b>       | <i>Tuesday, 10:00 – 11:00 am EST, or by appointment</i>  |

**Course Description:**

The purpose of PSYC72 is to acquaint you with research in psychology in general, and with the methodology of developmental psychology in particular. You will do this in part by writing, but primarily by collecting data and by writing reports describing your research. The course is demanding, but it should also be enjoyable. Formulating research questions, collecting and analysing data, and writing and interpreting your results are among the most exciting parts of experimental psychology. Developmental psychology focuses on the process of change within and across the different phases of the life-span. Reflecting the broad range of topics in this area, there are diverse research methods. This course will cover a sample of some of these approaches, as well as consider issues in research design as it relates to developmental concerns.

**Learning Objectives:** *By the end of this course you will be able to:*

1. Understand the basics of experimental research design
2. Understand the differences between varying forms of research design with children
3. Understand how different research designs are applied to examining perceptual development in infancy, cognitive development, social development, and life-span development.
4. Conduct observational coding of developmental research, as well as survey research
5. Statistically analyze data from simple and more complex experimental designs
6. Write a research report describing the rationale, research methodology, statistical analysis, and theoretical conclusions of a research project.

**Course Textbook:** Miller, S.A. (2018). *Developmental research methods*, 5<sup>th</sup> Edition. Englewood Cliffs, NJ: Prentice Hall, Inc.

**Course Website:**

All registered students for the course have access to Quercus, which will serve as the class website. Although lectures will be presented “live”, they will be recorded and made available for students who cannot connect during this time. These recorded lectures, as well as other course materials such as lecture slides, will be posted on this site. This will also be the site where the assignments will be submitted, and marks will be made available. You are expected to check this website with regularity. Important announcements will be made here. Use of the website’s **discussion boards** is strongly encouraged for non-private inquiries (e.g., questions about course content and the running of this course, but *not* emails reporting illness or other private matters). Students are also encouraged to answer peer questions on the discussion board, which is a great learning opportunity for everyone.

**Course Requirements:**

There are several course requirements. First, there are a series of short assignments that you must complete. The length of these projects, and what they entail, will be discussed later in class. These projects will culminate in a larger online, data coding project for which you will be asked to write an experimental report for this experiment. Finally, in addition to collecting and analysing data and writing a report, there is a textbook to be learned, as well as lecture material to be mastered. You will be expected to know this material, and to demonstrate your knowledge in the form of a midterm and final exam. Each of these exams will cover approximately half of the book. A rough outline of the lecture topics, as well as the due dates and relative weighting of these assignments, is given below.

| <u>Assessment Type</u> | <u>Value</u> |
|------------------------|--------------|
| Assignment 1           | 10%          |
| Assignment 2           | 12.5%        |
| Assignment 3           | 12.5%        |
| Term Exam 1            | 20%          |
| Term Exam 2            | 20%          |
| <u>Final Paper</u>     | <u>25%</u>   |
| Total                  | 100%         |

**General Topics, Readings, Course Assignments, and Due Dates**

Below is an APPROXIMATE outline of the readings and topics to be covered in class. More specific information concerning each week’s material will be given as the class progresses.

| <u>Week</u> | <u>Topic</u>                                       | <u>Reading</u> | <u>Assignment</u>  | <u>Value</u> |
|-------------|--|----------------|--------------------|--------------|
| May 13      | Introduction to Class                              | ---            |                    |              |
| May 20      | Scientific Communication                           | Ch. 11         |                    |              |
| May 27      | The Nature of Science                              | Ch. 1          |                    |              |
| June 3      | Research Design and Developmental Research Methods | Ch. 2, 3       | Assignment # 1 Due | 10%          |
| June 10     | Ethics in Developmental Research                   | Ch. 10         |                    |              |
| June 17     |  |                | <b>Term Exam 1</b> | 20%          |
| June 24     | <b>Reading Week</b>                                |                |                    |              |
| July 1      | <b>Canada Day</b>                                  |                |                    |              |
| July 8      | Perceptual Development                             | Ch. 12         |                    |              |
| July 15     | Cognitive Development                              | Ch. 13         | Assignment # 2 Due | 12.5%        |
| July 22     | Social Development                                 | Ch. 14         |                    |              |
| July 29     |  |                | <b>Term Exam 2</b> | 20%          |
| Aug. 5      | Practical Statistics                               | Ch. 9          |                    |              |
| Aug. 12     | Practical Statistics                               |                | Assignment # 3 Due | 12.5%        |
| Aug. 20     |  |                | Final Paper Due    | 25%          |

Deadlines for assignments will be posted when the assignment is made available. Penalty for unjustified late assignment: 1 mark per day (i.e., 1 day late, a B becomes a B-, and so on).

## *Policies and Procedures*

### **SUMMER 2020: Missed Term Work due to Medical Illness or Other Emergency**

All students citing a documented reason for missed term work must submit their request for accommodations **within three (3) business days** of the deadline for the missed work.

**Submit via email to:** Keely Hicks, Departmental Assistant, [keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)

Students must submit **BOTH** of the following:

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

#### **Appropriate documentation:**

For missed **ASSIGNMENTS** or **TERM TESTS** due to **FLU-LIKE SYMPTOMS** or **SELF-ISOLATION REQUIREMENTS**:

- Email the Request for Missed Term Work Accommodations form ([uoft.me/PSY-MTW](http://uoft.me/PSY-MTW)) to Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)), and
- **Declare** your absence on **ACORN** (Profile & Settings > Absence Declaration)

For missed **ASSIGNMENTS** due to **OTHER ILLNESS**:

- Email the Request for Missed Term Work Accommodations form ([uoft.me/PSY-MTW](http://uoft.me/PSY-MTW)) to Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)), along with the Self-Declaration of Student Illness Form ([uoft.me/PSY-self-declare-form](http://uoft.me/PSY-self-declare-form)).

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

- Email the Request for Missed Term Work Accommodations form ([uoft.me/PSY-MTW](http://uoft.me/PSY-MTW)) to Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)), along with a scan/photo of the **original** copy of the official UTSC Verification of Illness Form ([uoft.me/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 ER.
- Forms are to be completed in full, clearly indicating the start date, anticipated end date, and severity of illness. The physician's registration # and business stamp are required.
- *Note: If an end date of "ongoing" is specified, the medical note will be assumed to cover a period of **two weeks**. If no end date / an "unknown" end date is specified, the note will be assumed to cover a period of **three business days** (starting from illness start date.)*

For missed **TERM TESTS** due to **ACCESSABILITY REASONS**:

- Meet with your **AccessAbility consultant** and have them email Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)) detailing accommodations required.

For missed **ASSIGNMENTS** due to **ACCESSABILITY REASONS**:

- If your desired accommodation is **within the scope** of your Accommodation Letter (ex. your letter includes "extensions of up to 7 days" and you need 1-7 more days), email the Request for Missed Term Work Accommodations form ([uoft.me/PSY-MTW](http://uoft.me/PSY-MTW)) to Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)), and attach a **copy of your letter**. Specify how many days extension you are requesting in your email.

- If your desired accommodation is **outside the scope** of your Accommodation Letter (ex. your letter includes “extensions of up to 7 days” but you need more time than that) you will need to meet with your **AccessAbility consultant** and have them email Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)) detailing the accommodations required.

For missed **ASSIGNMENTS or TERM TESTS** in **OTHER CIRCUMSTANCES**:

Email the Request for Missed Term Work Accommodations form (<http://uoft.me/PSY-MTW>) form to Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)), along with:

- For the **death of a family member/friend**, provide a copy of the death certificate.
- For U of T varsity-level or professional **athletic commitments**, an email from your coach or varsity administrator should be sent directly to Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)) **well in advance** of the missed work, detailing the dates and nature of the commitment.
- For **religious accommodations**, please email Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)) **well in advance** of the missed work.
- For circumstances **outside of these guidelines**, please email Keely ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)) **on or before the date of the test / assignment deadline** to describe your circumstances and determine appropriate documentation.

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

As stated above, your documents must be submitted **within three (3) business days** of the deadline for the missed work.

#### **After submitting your documentation:**

Within approximately one to five business days, you will receive a response from your instructor 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.**

You should continue to work on your assignments to the best of your ability, as extension accommodations may be as short as one business day, depending on the nature of the illness/emergency.

If an accommodation has been granted but you are unable to meet the conditions of the accommodation (ex. you need a longer extension, or you missed a make-up test), you will need to repeat the missed term work procedure and submit additional forms to request further accommodation. Note that in the case of a missed make-up test, an opportunity to write a second make-up test may not be provided.

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.

#### **Missed Accommodations**

If an accommodation is granted but a continued illness/emergency prevents you from meeting the requirements of your accommodation, you must repeat the missed term work procedure to request additional accommodations.

(E.g.) If you miss a make-up midterm, you would need to submit another Request for Missed Term Work Accommodations form. If your original medical note / documentation included the date of the make-up midterm, then only the Request form is required. If the date of the make-up midterm fell outside of the dates indicated on your original medical note/other documentation, then a new medical note/other appropriate documentation must also be submitted.

**Importance of Three Business Day window:**

If you are unable to submit your documents within the three business day window, **you must email Keely** ([keely.hicks@utoronto.ca](mailto:keely.hicks@utoronto.ca)) **within the three business day window** to explain the nature of the delay, and when you will be able to provide your documents. Exceptions to the documentation deadline will only be made under exceptional circumstances.

**NOTE: Assignments due at end of term**

Instructors cannot accept term work any later than five business days after the last day of class. Beyond this date, you would need to file a petition with the Registrar's Office (<https://www.utoronto.ca/registrar/term-work>).

**NOTE: Final Exams**

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

**AccessAbility:**

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@utoronto.ca](mailto:ability@utoronto.ca). The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.

**Turnitin:**

Normally, students will be required to submit their course essays to Turnitin.com for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the Turnitin.com reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin.com service are described on the Turnitin.com web site.

**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/P>)

[DF/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.