

Faculty of Health
Department of Psychology
PSYC 2030 3.0 Section M: INTRODUCTION TO Research Methods
Tuesday and Thursday/8:30-11:30/ Online via Zoom/ONCA
S2/2023

Please note that this is a course that depends on remote teaching and learning. The course designation is ONCA (online, with on campus assessments and/or final exams). The course will be delivered using BOTH synchronous and asynchronous methods. Lectures will be pre-recorded videos. Asynchronous activities will be through the online support of the textbook using Achieve. Synchronous activities (orientation, discussions, activities, and Q&A sessions) will be delivered by Zoom during class time and there is an expectation of participation. **The Midterm (July 20 8:30-11:20 in VH A) and Final (TBD) will be in-person assessments held on campus (location TBD).**

Instructor Information

Instructor: Heather Jenkin, BSc., MA, Ph.D.

Email: [Heather Jenkin](mailto:Heather.Jenkin@utoronto.ca)

Office Hours: Thursdays in Zoom. Otherwise by appointment arranged via email. Please provide at least 3 day and time options when you can attend a Zoom meeting when requesting to see me outside of “office hours”.

T.A. Information

A through L

Bianca Bondi, H.BSc., M.A.

Email [Bianca Bondi](mailto:bianca.bondi@utoronto.ca)

M through Z

Khushbu Patel, BSc., M.A.

Email [Khushbu Patel](mailto:khushbu.patel@utoronto.ca)

Students are assigned to a specific Teaching Assistant alphabetically by the student’s last name. This is an administrative decision and is designed simply to facilitate organization in the course. With a large course enrollment, it’s important that each student have someone who is familiar with them and their grades etc. The teaching assistant to whom you are assigned will be the person you should visit in their virtual office hours to consult about course material and to inquire about your grades. Your TA’s office hours will take place primarily during the course hours.

If you are having trouble with the lectures or the text chat with the TA’s.

The TA’s also will be happy to talk with you about improving your study habits and about graduate school in psychology and careers in psychology.

Email (n)etiquette When you email Dr. Jenkin or your TA include your Student ID and full name in the body of your email with the Course number and section (PSYC2030M) on the subject line (if not, a reply is not guaranteed). Do not use messaging through eClass, it will not be answered. Dr. Jenkin requests that you read the syllabus before emailing, as many FAQs are answered there.

Course Prerequisite(s): Course prerequisites are strictly enforced.

- HH/PSYC 1010 6.00 (Introduction to Psychology)

Course Credit Exclusions

Please refer to [York Courses Website](#) for a listing of any course credit exclusions.

Course website: [eClass](#)

All course materials will be available on the course eClass site, unless otherwise indicated by the instructor. The site will be your central access point for course materials such as Lecture Videos, Zoom Sessions, Achieve (textbook support) and additional web resources.

Course Description

An introduction to the use of experimental and non-experimental research methods by psychologists in the study of behaviour. Topics such as research design, external and internal validity, sources of bias, APA style and ethics are considered. Online *Research in Action* activities put users in the role of scientific investigator and ask them to make decisions in planning and executing a study from idea to results. Online study supports are also assigned to provide distributed learning of core concepts through *Learning Curves*. Progress checks are by *Chapter Quizzes*.

Program Learning Outcomes

Upon completion of this course, students should be able to:

1. Distinguish between experimental and non-experimental designs.
2. Demonstrate understanding that various research designs.
3. Define hypotheses, independent and dependent variables, validity, and reliability.
4. Use traditional and electronic sources to locate psychological findings.
5. Demonstrate knowledge of the basics of scientific writing.
6. Demonstrate knowledge of the basics of referencing using APA style.
7. Understand ethical principles in the CPA code of ethics.

Specific Learning Objectives/Topics covered:

This online course will introduce you to the basics of research and will provide you with a foundation for conducting your own research in higher-level courses. Students should be able to identify appropriate methodologies to investigate research questions, understand validity and reliability issues along with the ethical considerations of research participants by the end of the course. Topics covered include both quantitative and qualitative research, observational research, ethics, and program evaluation. This course will further your skill at locating and familiarizing yourselves with APA-style published research in psychology. Students will acquire an understanding of how research is communicated to a variety of audiences.

Required Text

- Lewandowski, G. W., Ciarocco, N. J. & Strohmets, D. B. (2023). *Discovering the scientist within: Research methods in psychology* (3rd Ed.) Worth.
- Available through the York eBook packaged with Achieve access. **Achieve is required** as course content will be online.
- Please see the York University Bookstore webpage (<https://bookstore.yorku.ca>) for ordering e-books

Course Requirements and Assessment:

Assessment	Date of Evaluation (if known)	Weight
Achieve Learning Curves (CL)	1, 2, 3 ,4, 5 & 6 due Wednesday July 19	5
Chapter Quizzes (CQ)	1, 2, 3 ,4, 5 & 6 due weekly	6
Midterm	July 20 8:30 - 11:20 in VH A	30
Literature Search Assignment	Part 1 July 17 & Part 2 July 31	16
Achieve Learning Curves (CL)	7, 8, 10, 11, 12 & 13 due Wednesday Aug. 16	5
Chapter Quizzes (CQ)	7, 8, 10, 11, 12 & 13 due weekly	6
URPP	July 4 through August 11	2
Final	TBD in Exam period (August 17-24)	30
Total		100%

Description of Assignments *(All are due before 12 noon on due date – detailed in eClass)*

1. Information on the **Achieve activities (LC and CQ)** will be posted on eClass. **All online assignments MUST be completed by 12 noon on the due date.** These Launchpad activities are worth 22% of your grade, made up of:
 - **Achieve Orientation Assignment, to be completed by Monday July 10 at 12 noon (not for grade)** to make sure all the technological bugs are worked out promptly. Please contact Achieve technical staff with any problems.
 - **Learning Curves (LC)** participation marks worth of 10%. Learning curves are best done before date assigned to start engagement with course content. Ten of the 14 LCs associated with studying Chapters 1-6 are due the day before the Midterm (no later than 12 noon July 19th). Ten of the 13 LCs associated with studying Chapters (7-8, 10-13) are due the last day of classes before the S2 exam period (no later than 12 noon August 16th).
 - **Chapter Quizzes (CQ)** worth 12% in total. Verification of content knowledge after class time ends. **Quizzes open at 12 noon on Thursdays and are due before 12 noon** (96 hours later) **on Mondays.** One attempt is allowed for each CQ. Best marks for 10 of the 12 will be kept. **No late Quizzes** will be accepted.
2. There will be an **Ethics and Literature Search Assignment (E&LSA)** worth 16% of your grade. Information will be posted on eClass. Part 1 is TCPS2:CORE-2022 certificate submission worth 2% due **before 12 noon July 17th**. Submission of Part 2 the literature search assignment worth 14% will be via Turnitin on the course eClass website on **July 31st before 12 noon.**
3. There will be two in person (on campus) non-cumulative test evaluations, which

combined are worth 60% of your grade.

- **Midterm** is scheduled for July 20th (start 8:30, in VH A)
- **Final** scheduled in the exam period (August 17-25, date, and location TBD).

The In-Person test evaluations will have both multiple choice and essay questions from the lectures, discussions, videos and readings preceding the test date.

Class Format and Attendance Policy

I expect students to participate both asynchronously and synchronously in this course, through Zoom video conferencing when such sessions are scheduled (check eClass for omitted dates).

Grading as per Senate Policy

The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.). Assignments and tests* will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 89, B+ = 75 to 79, etc.)

For a full description of York grading system see the York University Undergraduate Calendar – [Grading Scheme for 2022-23](#)

Missed Tests/Midterm Exams/Late Assignment

For any missed quiz or late assignment, students **MUST** complete the following online form which will be received and reviewed in the Psychology undergraduate office. At this time, due to COVID-19 an Attending Physician's Statement (APS) is not required, however, a reason for missing an evaluated component in the course must be provided.

[HH PSYC: Missed Tests/Exams Form](#). Failure to complete the form within 48 hours of the original deadline will result in a grade of zero for the missed quiz or late assignment.

Within 24 hours of the test date the instructor **must** receive notification of inability to write a test **and** the student must **submit the Missed Test/Exam form** (see above) for review by the Undergraduate Psychology Office. In addition, to the online form, a student's documented reason for a missed test must be submitted. Tests/exams missed due to **non-medical circumstances** must be supported by appropriate documentation, i.e., death certificates, obituary notice, automobile accident reports, airline/bus ticket/receipt for emergency travel (with date of booking on ticket), etc. Airline/train/bus ticket/receipts for emergency travel must indicate destination, departure, and return dates. **Having to work at the time of a test is not considered a valid excuse for missing the test.**

There are no make-ups in this course, rather students will write an alternate deferred evaluation which will be assigned after the S2 exam period. The alternate deferred evaluation may not be the same format as the missed test. You should be aware that if you miss a scheduled test, you may not receive the requisite 15% feedback on your course work before the course drop deadline to determine whether you need to drop the course. Therefore, it is in your best interests to write tests as scheduled by the course instructor. Students who miss the

Midterm must acknowledge that they may not receive sufficient feedback before the drop date. Students should be aware of Drop and Withdraw options (see below).

Add/Drop Deadlines

For a list of all important dates please refer to: [Summer 2023 Important Dates](#)

	SU Term	S1 Term	S2 Term
Last date to add a course without permission of instructor (also see Financial Deadlines)	May 22	May 12	July 10
Last date to add a course with permission of instructor (also see Financial Deadlines)	June 5	May 19	July 17
Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines)	July 7	June 5	July 24
Course Withdrawal Period (withdraw from a course and receive a grade of "W" on transcript – see note below)	July 17 – Aug. 15	June 13 – June 26	July 31- – Aug. 15

Add and Drop Deadline Information

There are deadlines for adding and dropping courses, both academic and financial. Since, for the most part, the dates are **different**, be sure to read the information carefully so that you understand the differences between the sessional dates below and the [Refund Tables](#).

You are strongly advised to pay close attention to the "Last date to enrol without permission of course instructor" deadlines. These deadlines represent the last date students have unrestricted access to the registration and enrolment system.

After that date, you must contact the professor/department offering the course to arrange permission.

You can drop courses using the registration and enrolment system up until the last date to drop a course without receiving a grade (drop deadline).

You may [withdraw from a course](#) using the registration and enrolment system after the drop deadline until the last day of class for the term associated with the course. When you withdraw from a course, the course remains on your transcript without a grade and is notated as 'W'. The withdrawal will not affect your grade point average or count towards the credits required for your degree.

Information on Plagiarism Detection

Always write your own work on any work submitted for grade. Academic Integrity is treated very seriously in the Department.

To promote academic integrity in this course, students will be normally required to submit their written work to Turnitin (via the course eClass website) for a review of textual similarity and the detection of possible plagiarism. In so doing, students will allow their material to be included as

source documents in the Turnitin.com reference database, where they will be used only for the purpose of detecting plagiarism. The terms that apply to the University's use of the Turnitin service are described on the Turnitin.com website. Also, our Teaching Assistants are excellent observers as they mark answers in detecting lifts from other sources.

Electronic Device Policy

This course will be delivered in an online format and therefore electronic devices (e.g., tablets, laptops) are permitted during class time for course-related purposes. It is expected that you would complete tests/exams in a manner that does not require consulting an unauthorised source during an examination unless the tests/exams are open book.

Academic Integrity for Students

York University takes academic integrity very seriously; please familiarize yourself with [Information about the Senate Policy on Academic Honesty](#).

It is recommended that you review Academic Integrity by completing the [Academic Integrity Tutorial](#) and [Academic Honesty Quiz](#)

Test Banks

The offering for sale of, buying of, and attempting to sell or buy test banks (banks of test questions and/or answers), or any course specific test questions/answers is not permitted in the Faculty of Health. Any student found to be doing this may be considered to have breached the Senate Policy on Academic Honesty. Buying and attempting to sell banks of test questions and/or answers may be considered as "Cheating in an attempt to gain an improper advantage in an academic evaluation" (article 2.1.1 from the Senate Policy) and/or "encouraging, enabling or causing others" (article 2.1.10 from the Senate Policy) to cheat.

Academic Accommodation for Students with Disabilities

While all individuals are expected to satisfy the requirements of their program of study and to aspire to do so at a level of excellence, the university recognizes that persons with disabilities may require reasonable accommodation to enable them to do so. The university encourages students with disabilities to register with Student Accessibility Services (SAS) to discuss their accommodation needs as early as possible in the term to establish the recommended academic accommodations that will be communicated to Course Directors as necessary. Please let me know as early as possible in the term if you anticipate requiring academic accommodation so that we can discuss how to consider your accommodation needs within the context of this course.

<https://accessibility.students.yorku.ca/>

Excerpt from Senate Policy on Academic Accommodation for Students with Disabilities

1. Pursuant to its commitment to sustaining an inclusive, equitable community in which all members are treated with respect and dignity, and consistent with applicable accessibility legislation, York University shall make reasonable and appropriate

accommodations to promote the ability of students with disabilities to fulfill the academic requirements of their programs. This policy aims to eliminate systemic barriers to participation in academic activities by students with disabilities.

All students are expected to satisfy the essential learning outcomes of courses. Accommodations shall be consistent with, support and preserve the academic integrity of the curriculum and the academic standards of courses and programs. For further information please refer to: [York University Academic Accommodation for Students with Disabilities Policy](#).

Course Materials Copyright Information

These course materials are designed for use as part of the PSYC2030 M course at York University and are the property of the instructor unless otherwise stated. Third party copyrighted materials (such as book chapters, journal articles, music, videos, etc.) have either been licensed for use in this course or fall under an exception or limitation in Canadian Copyright law.

In the past, such course materials have been posted to external, public websites. **Do not do this with materials I provide for this course PSYC2030M without my explicit permission.**

Generally, in the absence of another agreement, instructors at York University own the intellectual property to the teaching materials they create. Students wishing to reuse instructor-created content must either request permission from the instructor or limit their use to one of the “user rights” set out in the Copyright Act. In most cases, copying this material for distribution (e.g., uploading material to a commercial third-party website) may lead to a violation of Copyright law. [Intellectual Property Rights Statement](#).

Audio-visual recordings

Photographs, video, and audio recordings are “records” as defined in the *Freedom of Information and Protection of Privacy Act* (FIPPA). The information contained in them is considered “personal information” when they contain “recorded information about an identifiable individual. Our course Zoom interactions that are recorded:

- 1) my pre-recorded lectures and recorded Zoom interactions should be used for educational purposes only and as a means for enhancing accessibility.
- 2) students do not have permission to duplicate, copy and/or distribute any of the recordings outside of the class (these acts can violate not only copyright laws but also [FIPPA](#) and intellectual property rights); and
- 3) all recordings will be destroyed after the end of classes.

Course Schedule

Dates	Topics	Readings	Due Dates before 12 noon
Tuesday July 4	Achieve presentation. Psychology as a Science. The Research Process	Ch. 1 Ch. 2	
Thursday July 6	Ethics. Communication	Ch. 3 Appendix B	Achieve Orientation Assignment (not for grade) Due Monday July 10 CQ 1, 2 and 3 Due Monday July 10
Tuesday July 11	Library Presentation. Psychologist's Toolbox	CH. 4	
Thursday July 13	Statistics. Qualitative Research	Appendix A Ch. 5	CQ 4 and 5 Due Monday July 17 TCPS certificate due Monday July 17
Tuesday July 18	Observational Research	Ch. 6	CQ 6 Due Wednesday July 19
Achieve Learning Curves for Chapters 1, 2, 3, 4, 5 and 6 all due before 12 noon Wednesday July 19			
Midterm 8:30 start Thursday July 20 ON CAMPUS – VH A			
Tuesday July 25	Correlational Research.	Ch. 7	
Thursday July 27	Two-Group Design	Ch. 8	CQ 7 and 8 Due Monday July 31 LSA due through Turnitin July 31
Tuesday August 1	Within-Subjects Design.	Ch. 10	
Thursday August 3	Factorial Designs	Ch. 11	CQ 10 and 11 Due Monday August 7
Tuesday August 8	Mixed Design	Ch. 12	
Thursday August 10	Using Research in the Real World	Ch. 13	CQ 12 and 13 Due Monday August 14
Tuesday August 15	Research discussion on Zoom		
Achieve Learning Curves for Chapters 7, 8, 10, 11, 12 and 13 all due before 12 noon Wednesday August 16			
Final TBD Scheduled by RO (August 17-24) Students are expected to be available for this final in the S2 Exam Period.			