

**YORK UNIVERSITY  
FACULTY OF HEALTH  
PSYCHOLOGY 2022 3.0 M: STATISTICAL METHODS II  
SUMMER 2019**

**MONDAYS & WEDNESDAYS 19:00 – 22:00**

**CLH A**

<b>Course Director:</b> Dr. Agnieszka Kopinska	<b>TAs:</b>
<b>Office Hour:</b> by appointment	Jon Bridekirk <a href="mailto:jonathanbridekirk@gmail.com">jonathanbridekirk@gmail.com</a> 257 BSB
<b>Office:</b> BSB 251	Alex Porthukaran <a href="mailto:alex12@yorku.ca">alex12@yorku.ca</a> 043 BSB
<b>E-mail:</b> <a href="mailto:kopinska@yorku.ca">kopinska@yorku.ca</a>	

**Text:** Gravetter, F.J., & Wallnau, L.B. *Statistics for the Behavioral Sciences* (10th ed.). Please wait with the purchase until the first class.  
Mindtap (Mindtap): see Moodle for details

**Moodle:** <https://moodle.yorku.ca/>

<b>DATE</b>	<b>TOPIC</b>	<b>CHAPTER</b>
June	M17 Orientation	
	W19 Review	9
	M24 t-Test for Independent Samples	10
	W26 t-Test Related Samples	11
July	W3 ANOVA	12
	M8 Repeated-Measures ANOVA	13
	<b>W10 MIDTERM</b>	
	M15 Two-Factor ANOVA	14
	15 <i>Last date to drop courses without receiving a grade</i>	
	W17 Correlation	15
	M22 Regression	16
	W24 Chi-Square Test and Binomial Test	17 & 18
	M29 Nonparametric Approaches to Data	19 & E
	31-9 <b>FINAL TEST:</b> check <a href="http://www.yorku.ca">www.yorku.ca</a> for schedule	
Jul-Aug	<b>Trips are not a valid excuse for missing the exams</b>	

**General Description:** This course is a sequel to PSYC 2021 3.0. Inferential statistics are studied. Topics covered include one-way and two-way analyses of variance; correlation and regression analyses; and non-parametric tests. Prerequisites: PSYC/GL 2021 3.0/2530 3.00 or the equivalent. Course Prerequisite or corequisite(s): HH/PSYC 1010 6.00 (Introduction to Psychology), with a minimum grade of C when used as a prerequisite. Course credit exclusions: GL 2531 3.00, HH/PSYC 2020 6.00.

**Evaluation:**

As indicated on the schedule, there will be two exams based on assigned readings, lectures and videos/talks counting for 34% and 40% (cumulative final), Mindtap quizzes worth 12% total (optional), 14% for in-class testing (iClicker/optional). In case you choose not to use Mindtap and/or iClicker, the percentage will be accounted for by the weighted average of the two exams.

In addition to your calculator, writing tools, and two pieces of ID, you will be allowed two sides of 4" X 5" card on which you may put anything you consider to be useful. You will be provided with the tables but not the formulae.

**Grading:** Grades are not negotiable. There will be no extra assignments. 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.). (For a full description of York grading system see the York University Undergraduate Calendar - [Grading Scheme for 2017-18](#))

**Mindtap Quizzes (optional):** There will be an Mindtap quiz(es) for each lecture. You will be allowed to take each quiz question three times and the average ('do no harm') will be used for the computation of your Mindtap component of the grade. The deadline for each quiz will be set at 11:45pm Sunday following the lecture and no extensions will be granted. See the course website for more information about Mindtap. You are strongly encouraged to read and attempt each question before the class.

**iClicker:** the system that will allow you to participate in class using your smartphone. More information will be provided during the first class and on Moodle. Please note that answering iClicker questions outside of class is considered to be academic dishonesty. Please note that the grade will be computed by evenly weighting all the clicker sessions (do not pay attention to grade showed on the application). Please note that the only way to earn the clicker grade is to be in class and participate (no adjustments will be made for sickness; religious holidays etc.). You get 100% of what you receive on your clicker performance/participation. The remaining percentage will be automatically accounted for by the exams.

**Attendance Policy:** The student is responsible to know the material presented in class.

#### **Policy on Missed Examinations/Assignments:**

Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (Attending Physician Statement which can be found at:

<http://myacademicrecord.students.yorku.ca/pdf/attending-physicians-statement.pdf> may request accommodation from the Course Instructor.

In the case of a missed test the student will be required to write a make-up test. Only **ONE** make-up test is allowed in the course, any other missed tests will stand at the value of zero.

For any missed tests or late assignments, students **MUST** complete the following online form which will be received and reviewed in the Psychology undergraduate office.

[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 test/assignment.

#### **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 information [SPARK Academic Integrity modules](#). These modules explain principles of academic honesty.

#### **Electronic Device Policy:**

Unless there are documented needs, there will be no personal electronic device usage during the class time (computers, iPads, etc.). Smart phones will be allowed only during iClicker polling sessions.

#### **Electronic Devices During a Test/Examination:**

Electronic mobile devices of any kind are not allowed during a test or examination. Students are required to turn off and secure any electronic mobile device in their bag which is to be placed under the chair while a test/exam is in progress. Any student observed with an electronic device during a test/exam may be reported to the Undergraduate Office for a potential breach of Academic Honesty.

## Add/Drop Deadlines

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

<b>Important dates</b>	<b>SU</b>	<b>S1</b>	<b>S2</b>
Last date to add a course <b>without</b> permission of instructor (also see Financial Deadlines)	May 12	May 3	Jun 21
Last date to add a course <b>with permission</b> of instructor (also see Financial Deadlines)	May 27	May 10	Jun 28
Last date to drop a course without receiving a grade (also see Financial Deadlines)	Jun 28	May 27	July 15
Course Withdrawal Period (withdraw from a course and receive a “W” on the transcript)	Jun 29 - Jul 29	May 28 - Jun 10	Jul 16 - Jul 29

Note: 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.

## 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. In particular, 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 [York University Accessibility Hub](#) is your online stop for accessibility on campus. It provides tools, assistance and resources.

**Policy Statement:** York University shall make reasonable and appropriate accommodations and adaptations in order to promote the ability of students with disabilities to fulfill the academic requirements of their programs.

The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses. Provided that students have given sufficient notice about their accommodation needs, instructors shall take reasonable steps to accommodate these needs in a manner consistent with the guidelines established hereunder.

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 PSYC 2021 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. 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](#)