

YORK UNIVERSITY
FACULTY OF HEALTH
PSYCHOLOGY 2022 3.0 M: STATISTICAL METHODS II
SUMMER 2020

MONDAYS & WEDNESDAYS 19:00 – 22:00

ONLINE VIA ZOOM

Course Director: Dr. Agnieszka Kopinska

Office Hour: by appointment

E-mail: kopinska@yorku.ca

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/>

	DATE	TOPIC	CHAPTER
June	M29	Orientation	
July	<i>W1</i>	<i>Canada Day</i>	
	M6	Review	9
	W8	t-Test for Independent Samples	10
	M13	t-Test Related Samples	11
	W15	ANOVA	12
	M20	Repeated-Measures ANOVA	13
	W22	MIDTERM	
	M27	Two-Factor ANOVA	14
	29	<i>Last date to drop courses without receiving a grade</i>	
	W29	Correlation	15
Aug	<i>M3</i>	<i>Civic Holiday</i>	
	W5	Regression	16
	M10	Chi-Square Test and Binomial Test	17 & 18
	W12	Nonparametric Approaches to Data	E
	14-21	FINAL TEST: check www.yorku.ca for schedule	

General Description:

Please note that this is a course that depends on remote teaching and learning. There will be no in-class interactions or activities on campus). 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:** HH/PSYC 2021 3.0 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. **Degree Credit Exclusions:** Please refer to [York Courses Website](#) for a listing of any course credit exclusions.

Evaluation:

As indicated on the schedule, there will be two exams based on assigned readings, lectures and videos/talks counting for 24% and 24% (cumulative final), Mindtap quizzes worth 16% total (optional), weekly forum posts 12%, 24% for in-class testing (iClicker) and 2% bonus for URPP participation. Exams and iClicker questions will be based on the material covered in the textbook, in class, and videos shown in class and assigned for home viewing. The percentage of the Mindtap quizzes that you fail to receive (not completing quizzes or incorrect responses), will be accounted for by the weighted average of the two exams.

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 90, B+ = 75 to 79, etc.)

(For a full description of York grading system see the York University Undergraduate Calendar -

<http://calendars.students.yorku.ca/2016-2017/academic-and-financial-information/academic-services/grades-and-grading-schemes>

Technical requirements for taking the course:

To participate in the course, you need a computer or smart device with webcam or microphone. You also need to have reliable internet connection.

This course requires the use of online proctoring for examinations. The instructor may use an online proctoring service to deliver the exam(s), which would be administered through the Learning Management System (e.g. Moodle, Canvas, etc.). Students are required to have access to minimum technology requirements to complete examinations. If an online proctoring service is used, students will need to become familiar with it at least five days before exam(s). For technology requirements, Frequently Asked Questions (FAQs) and details about the online proctoring service visit – <https://registrar.yorku.ca/online-exams>. Students are required to share any IT accommodation needs with the instructor as soon as they are able.

Mindtap Quizzes: 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 the grade will be computed by evenly weighting all the clicker sessions (do not pay attention to grade showed on the application).

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

Policy on Missed Examinations/Assignments:

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.

[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.

We cannot request APS during the summer due to COVID-19

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:

This course will be delivered in an online format and therefore electronic devices (e.g., tablets, laptops) as 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.

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](#).

Add/Drop Deadlines

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

	SU	S1	S2
Last date to add a course without permission of instructor (also see Financial Deadlines)	May 25	May 15	June 29
Last date to add a course with permission of instructor (also see Financial Deadlines)	June 8	May 26	July 10
Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines)	July 17	June 8	July 29
Course Withdrawal Period (withdraw from a course and receive a grade of "W" on transcript – see note below)	July 18 - Aug. 12	June 9 - June 22	July 30 - Aug 12

*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.

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. 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/>

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 2022 course at York University and are the property of the instructor unless otherwise stated. Regarding the audio-visual recordings of sessions: 1) the recordings 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 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. 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](#)