

**Faculty of Health**  
**Department of Psychology**  
**PSYC 3090 3.0 A: PSYCHOLOGICAL MEASUREMENT**  
**Wednesdays 11:30am-2:30pm Online**  
**Fall 2021**

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**This is a course that depends on remote teaching and learning. There will be no in-person interactions or activities on campus. Students are expected to be available during the course time to complete quizzes and interact with peers during class activities. However, most other aspects of this course can be completed outside of our scheduled course time. Please see the detailed descriptions of each course component for more information on each component of the course will occur.**

**Instructor and T.A. Information**

Instructor: Dr. Maxwell Barranti

Office Phone: (416) 736-2100 x40563

Office Hours: See course schedule or book an appointment.

Email: See email policy on eClass

TA	Email	Office Hours
Alan Kian	akian@yorku.ca	Online by appointment

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

- HH/PSYC 1010 6.00 (Introduction to Psychology), with a minimum grade of C.
- HH/PSYC 2020 6.00 (Statistical Methods I and II) or HH/PSYC 2021 3.00 (Statistical Methods I)
- Completed at least 54 earned credits

**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.

**Course Description**

Everyone is impacted by some kind of psychological test. Often these tests have profound impacts on people's lives from clinical applications to dating websites. Yet few understand how to evaluate the quality of these tests. In this course we are going to build our knowledge about how to evaluate psychological tests and the many uses of psychological tests. Ultimately, we will apply what we have learned by writing a proposal for evaluating a psychological test.

## **Program Learning Outcomes**

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

1. Demonstrate in-depth knowledge in psychological measurement.
2. Articulate trends in psychology of measurement.
3. Express knowledge of psychological measurement in written form.
4. Describe and explain limits to generalizability of research findings in psychological measurement.
5. Demonstrate ability to relate information psychological measurement to own and others' life experiences.

## **Required Text**

Psychometrics: An Introduction, 3<sup>rd</sup> edition. R. Michael Furr. ISBN: 9781506339863

*Note:* The book is available through eClass because students often prefer the ease of purchasing the digital textbook this way. However, you can purchase the textbook any way you wish.

## **Course Requirements and Assessment:**

<b>Assessment</b>	<b>Date of Evaluation (if known)</b>	<b>Weighting</b>
Quiz 1		15%
Quiz 2		15%
Quiz 3		15%
Assignment 1		10%
Assignment 2		10%
Paper (Rough Draft)		5%
Paper (Peer Review)		5%
Paper (Final Draft)		25%
<b>Total</b>		<b>100%</b>

## **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 2021-22](#)

## **Missed Quizzes**

For any missed quiz 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.

### **Late Assignments**

For all assignments there will be a 1-week automatic extension. Life gets busy, people get sick, caregiving responsibilities happen, or technology fails. The teaching team understands and will accept submissions up to 1-week after the due date at no penalty with no questions asked. Late submission should be submitted via eClass in the same way as ontime submissions. Please note that no submissions will be accepted beyond my automatic extension for any reason.

This late policy is premised on the principles of universal design. This allows students to structure their time, plan for needed breaks, and/or need for extra time on task. Those that need flexibility with deadlines can self-accommodate and need not make any special arrangements.

### **Late Papers**

Late rough drafts will be accepted up to 1-week, however these drafts will not receive peer feedback. I strongly encourage students to avoid being late with their rough draft because peer feedback is a valuable way to improve your paper for the final draft.

Timely peer feedback is critical to the learning objectives of this assignment. It isn't fair to your peers if your feedback to them is late because they need time to incorporate your feedback for their final draft. As such no late peer feedback will be accepted.

Final drafts will accept submissions up to 1-week after the due date at no penalty with no questions asked. Late submissions should be submitted via eClass in the same way as ontime submissions. Please note that no submissions will be accepted beyond my automatic extension for any reason.

### **Extra Credit/Makup assignments**

No extra credit or makeup assignments will be offered for any reason.

### **Add/Drop Deadlines**

For a list of all important dates please refer to: [Fall/Winter 2021-22 Important Dates](#)

	<b>Fall (Term F)</b>	<b>Year (Term Y)</b>	<b>Winter (Term W)</b>
Last date to add a course <b>without permission</b> of instructor (also see Financial Deadlines)	Sept. 21	Sept. 21	Jan. 23
Last date to add a course <b>with permission</b> of instructor (also see Financial Deadlines)	Oct. 5	Oct. 26	Feb. 7
Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines)	Nov. 12	Feb. 11	18-Mar
Course Withdrawal Period (withdraw from a course and receive a grade of "W" on transcript – see note below)	Nov. 13 - Dec. 7	Feb. 12 - April 10	March 19 - April 10

## **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**

To promote academic integrity in this course, students will be normally required to submit their written assignments to Turnitin (via the course eClass) 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.

## **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.

## **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. 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 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 in order 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 PSYC 3090 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.](#)

## Course Schedule

Weeks	Topics	Class Time	Readings	Whats Due?
Class 1	Importance of Psychological Measurement	Course Welcome / Group Q&A <b>Live via Zoom</b> @11:30am	Chapter 1	
Class 2	Basic Concepts in Measurement	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	Chapters 2 & 3	
Class 3	Dimensionality	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	Chapter 4	
Class 4	Reliability	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	Chapters 5 & 7	
Class 5	Validity I	Quiz 1 <b>Live online</b> @11:30am – 1:30am	Chapter 8	Assignment 1
Class 6	Validity II	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	Chapter 9	
Class 7	Threats	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	Chapters 10 & 11	
Class 8	Achievement/ Intelligence Tests	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	No Readings	
Class 9	Clinical / Forensic Applications	Quiz 2 <b>Live online</b> @11:30am – 1:30am	No Readings	Assignment 2
Class 10	Workplace Applications	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	No Readings	Paper: Rough Draft
Class 11	Best Practices	Office Hour <b>Live via Zoom</b> @11:30am – 12:30am	No Readings	Paper: Peer Review
Class 12	TBD	Quiz 3 <b>Live online</b> @11:30am – 1:30am	No Readings	
Final Exam Period				Paper: Final Draft