

**Faculty of Health  
Department of Psychology  
PSYC 3090 3.0 A: PSYCHOLOGICAL MEASUREMENT  
Wednesdays at 11:30am in CLH E  
Fall 2023**

---

**This is an in-person course. Course content will be delivered in synchronously in Curtis Lecture Hall Room E. Please review the course calendar (last page of syllabus) for an overview of the due dates for the course's evaluated components (i.e., quizzes and paper).**

**Instructor and T.A. Information**

Instructor: Dr. Maxwell Barranti  
Office Phone: x40563  
Office Location: BSB 324 (or via Zoom)  
Office Hours: 10-11am on Mondays, or by appointment.  
Email: See email policy on eClass

| <b>TA</b>            | <b>Email</b>     | <b>Office Hours</b> |
|----------------------|------------------|---------------------|
| Audrey Li-Chay-Chung | See email policy | By Appointment      |

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

- HH/PSYC 1010 6.00 (Introduction to Psychology)
- 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 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. Ultimately, we will apply what we have learned by writing a research 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

I have coordinated with the York University bookstore to get students access to our textbook at a reduced price through the Day 1 Digital program. There will be a 14-day free trial period where you can check out the digital textbook. Use this trial period to decide if you want the digital version textbook through the Day 1 Digital program, or if you want to buy the physical textbook some other way.

If you WANT the digital textbook:

You need to opt-in to the textbook for this course. The opt-in option is located through the Day1Digital link on eClass. The e-book will be billed to your student account after the course refund deadline. This process avoids the need for students to pay with a credit card or buy a more expensive physical copy of the book from the bookstore.

If you DO NOT want the digital textbook:

Nothing to do. The 14-day trial will expire on its own at no cost to you.

### Course Requirements and Assessment:

| Assessment          | Date of Evaluation   | Weighting   |
|---------------------|----------------------|-------------|
| Quiz 1              | Sep 27 <sup>th</sup> | 10%         |
| Quiz 2              | Oct 18 <sup>th</sup> | 10%         |
| Quiz 3              | Nov 8 <sup>th</sup>  | 10%         |
| Quiz 4              | Nov 29 <sup>th</sup> | 10%         |
| Paper (Outline)     | Nov 8 <sup>th</sup>  | 10%         |
| Paper (Rough Draft) | Nov 22 <sup>nd</sup> | 10%         |
| Paper (Peer Review) | Nov 29 <sup>th</sup> | 10%         |
| Paper (Final Draft) | TBD                  | 30%         |
| <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 2023-24](#)

### Missed Quizzes

For any missed quiz students MUST complete the following online form which will be received and recorded by the psychology undergraduate office. At this time, an Attending Physician’s Statement (APS) is not required, but all non-illness related are much more likely to be approved if you provide documentation. A reason for missing a quiz 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 Paper Assignments

We have four assignments that culminate in a written research proposal. These assignments build on each other, so the consequences of being late on any one assignment often include struggling to meet subsequent deadlines. The teaching team knows that life gets busy, people get sick, caregiving responsibilities take priority, or technology fails. To help students manage these challenges, will accept submissions up to 1-week after the due date, with no questions asked and with no grade point penalty. Late submission should be submitted via eClass in the same way as on time 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.

A few things to keep in mind, if you use this extension, then you will not receive peer feedback because it doesn’t give your peers sufficient time to review your submission. 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. Similarly, 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 also need time to incorporate your feedback for their final draft.

### Extra Credit/Makeup 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 [Undergraduate Fall/Winter 2023-2024 Important Dates](#)

|  | Fall (Term F) | Year (Term Y) | Winter (Term W) |
|--|---------------|---------------|-----------------|
| Last date to add a course <b>without permission</b> of instructor (also see Financial Deadlines) | September 20  | September 20  | January 22      |
| Last date to add a course <b>with permission</b> of instructor (also see Financial Deadlines)    | September 28  | September 28  | January 31      |

|   |                         |                     |                   |
|---|-------------------------|---------------------|-------------------|
| Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines)          | November 8              | February 8          | March 11          |
| Course Withdrawal Period (withdraw from a course and receive a grade of "W" on transcript – see note below) | November 9 – December 5 | February 9- April 8 | March 12- April 8 |

### **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.

### **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             | Date                  | Topics                                  | Quizzes | Readings         | What's Due?        |
|-------------------|-----------------------|---|---------|------------------|--------------------|
| Class 1           | Sep 6 <sup>th</sup>   | Importance of Psychological Measurement |         | Chapter 1        |                    |
| Class 2           | Sep 13 <sup>th</sup>  | Basic Concepts in Measurement           |         | Chapters 2 & 3   |                    |
| Class 3           | Sep 20 <sup>st</sup>  | Dimensionality                          |         | Chapter 4        |                    |
| Class 4           | Sept 27 <sup>th</sup> | Reliability                             | Quiz 1  | Chapter 5 & 7    |                    |
| Class 5           | Oct 4 <sup>th</sup>   | Reliability (Online)                    |         | Chapter 6        |                    |
|                   |                       | Reading Week                            |         |                  |                    |
| Class 6           | Oct 18 <sup>th</sup>  | Validity I                              | Quiz 2  | Chapter 8        |                    |
| Class 7           | Oct 25 <sup>th</sup>  | Validity II                             |         | Chapter 9        |                    |
| Class 8           | Nov 1 <sup>st</sup>   | Threats                                 |         | Chapters 10 & 11 |                    |
| Class 9           | Nov 8 <sup>th</sup>   | Achievement / Intelligence Tests        | Quiz 3  | No Readings      | Paper: Outline     |
| Class 10          | Nov 15 <sup>th</sup>  | Clinical / Forensic Tests               |         | No Readings      |                    |
| Class 11          | Nov 22 <sup>nd</sup>  | Testing in the Workplace                |         | No Readings      | Paper: Rough Draft |
| Class 12          | Nov 29 <sup>th</sup>  | TBD                                     | Quiz 4  | No Readings      | Paper: Peer Review |
| Final Exam Period | TBD                   |   |         |                  | Paper: Final Draft |