

Faculty of Health
Department of Psychology
PSYC 3270 3.0 Section: M SENSATION AND PERCEPTION II
Online via eClass
Winter Term/2022-23

This is an online course. Recorded lectures will be posted on the eClass site. Midterm and final exams will be entirely online, through eClass.

Instructor and T.A. Information:

Instructor: Professor Laurence Harris
Office Hours: By appointment
Email: harris@yorku.ca

T.A.	Raphael Gastrock
Email	gastrock@yorku.ca
Office Hours	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 2220 3.00 (Sensation and Perception 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:

Sensation and Perception part 2 builds on the knowledge you obtained in part 1. The nature of neural processing is discussed and then those principles are applied to the somatosensory, vestibular and chemical sensory systems. Also methods of measuring and assessing perception (psychophysics) are discussed and how they can be applied to investigate and understand specific sensory systems, complementing the neural approach. **See the schedule at the end of this document.**

Program Learning Outcomes:

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

1. Demonstrate in-depth knowledge in sensation and perception.
2. Express knowledge of sensation and perception in written form.

3. Demonstrate ability to relate information about sensation and perception to your own and others' life experiences.

Specific Learning Objectives:

1. Critically evaluate research in sensation and perception
2. Critically describe some different approaches to the study of perception
3. Demonstrate an understanding of the neural basis of perception.
4. Demonstrate an understanding of perception including touch, balance, taste and smell.

No Required Text:

- There is no required text for this course. Course notes will be available on eClass. However, you may wish to consult a textbook to investigate a topic in more depth or to read another approach to the subject.
- Any textbook with the title "Sensation and Perception" in any edition within the last 5 years would be fine for this purpose.
- The following are good textbooks that I recommend
 - Sensation and Perception by E. Bruce Goldstein
 - Sensation and Perception by Wolfe, Klunder, Levi and others.
- You can find information about the electronic version of Wolfe on [the bookstore website](#) under HH-PSYC PSYC3270 M where you can rent it for 180 days or 1 year.

Course Assessment:

Assessment	Date	Weighting
Midterm 1	Feb 8	30%
Midterm 2	March 8	30%
Final exam	TBA	40%
Total		100%

Description of Assignments

Exams are mainly multiple choice. There will also be some short written answers. Only material presented in the online material will be examined. If it has not been covered in these classes, it will not be examined, even if it is in the book or notes. Any material that is covered in class may be examined even if it is not in the books or notes. Each exam will cover material right from the beginning of the course (i.e., they are cumulative), although there will be more emphasis on the newer material. All exams will be carried out on line.

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.). Test results will be given as percentages and converted to a letter grade at the end of the course (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.

Add/Drop Deadlines

For a list of all important dates please refer to: [Fall/Winter 2022-23 Important Dates](#)

	Fall (Term F)	Year (Term Y)	Winter (Term W)
Last date to add a course without permission of instructor (also see Financial Deadlines)	Sept. 20	Sept. 20	Jan. 22
Last date to add a course with permission of instructor (also see Financial Deadlines)	Oct. 4	Oct. 25	Feb. 6
Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines)	Nov. 11	Feb. 10	Mar. 17
Course Withdrawal Period (withdraw from a course and receive a grade of “W” on transcript – see note below)	Nov. 12 - Dec. 7	Feb. 11 - April 11	March 18 - April 11

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.

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](#)

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

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 3270.03 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

Sensation and Perception Part 2. 3270.03 M		
	Introduction	
Section 1	Principles of neural organization	
Section 2	Psychophysics	
Section 3a	Somatosensory system (1)	
	Midterm 1	Feb 8
Section 3b	Somatosensory system (2)	
	Reading week	Feb 18-24
Section 4	Vestibular	
Section 5	Taste	
	Midterm 2	March 8
Section 6	Smell	
Section 7	Speech perception	
Section 8	Multisensory Integration	
	Final exam	April 12-27