

Faculty of Health
Department of Psychology
PSYC 2220 3.0 Section A: SENSATION AND PERCEPTION I
Online via eclass
Fall/2022

This course is an online course. Recorded lectures will be posted on the e-class site each week by midnight on Wednesdays (starting Wed Sept 14). Tests will be done online through e-class.

Instructor and T.A. Information:

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

T.A.	John Kim (student's last names A-L)	Arleen Aksay (student's last names M-Z)
Email	jonk84@my.yorku.ca	aaksay@yorku.ca
Office Hours	By appointment	By appointment

Course Prerequisite:

- HH/PSYC 1010 6.00 (Introduction to Psychology), with a minimum grade of C.

Course website:

All course materials will be available on the course eClass site, unless otherwise indicated. The site will be your central access point for course materials.

Course Description:

Sensation and perception part 1 introduces you to perception and its biological basis and limitations. Vision and hearing are covered in detail including a discussion of the structure and function of the eye and ear and the brain areas responsible for processing visual and auditory information. Aspects of visual and auditory perception are discussed.

Program Learning Outcomes

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

1. Demonstrate broad knowledge of the biological determinants of sensation and perception .
2. Understand and interpret principles of sensation and perception in your everyday lives.
3. Describe causes of human sensation and perception from different perspectives.

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 visual perception including depth, motion, colour and size.
4. Demonstrate an understanding of auditory perception such as pitch, loudness and sound localization

No Required Text

- There is no required text for this course. A pdf of the instructor’s notes will be available on the eclass site. Students 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 but do go considerably beyond the content of the course (especially Wolfe). A textbook like this would also be helpful for Sensation & Perception Part II (3270), if you are thinking of taking that next term.
 - Sensation and Perception by E. Bruce Goldstein
 - Sensation and Perception by Wolfe, Hrez, Klatzky, Lederman and Merfeld.

Course Requirements and Assessment:

The weights of the exams will be adjusted so that your best mark out of the three counts as 40%.

Assessment	Date of Evaluation (if known)	Weighting
Assessment 1 Friday Oct 21	Nov 1	30%
Assessment 2 Friday Nov 18	Nov 28	30%
Final exam (date TBA)	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 class will be examined. If it has not been covered in class, 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. The final exam will cover material right from the beginning of the course, 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.). 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 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 as well as informing their TA. 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 and 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

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

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 2220 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

A recording of each lecture will be posted on e-class before midnight on Wednesday each week

Timetable for Sensation and Perception part1 2220.03 A			
<i>Posted by Wed...</i>			<i>Approximate topics:</i>
14 Sept	1	First class	Introduction
21 Sept	2		Optics and the eye
28 Sept	3		Cells and the retina
5 Oct	4		Visual pathways
10 Oct-14 Oct		<i>Reading week</i>	
19 Oct (revision)	5	1 st exam Friday 21 Oct	revision
26 Oct	6		Shape, depth & motion
2 Nov	7		Colour
9 Nov	8		Illusions & development
16 Nov (revision)	9	2 nd exam Friday 18 Nov	revision
23 Nov	10		Hearing pt 1
30 Nov	11		Hearing pt 2 + revision
To be announced		<i>Final Exam</i>	