

## Faculty of Health

### Department of Psychology

#### PSYC 2220 3.0 Section: *Sensation and Perception I*

Mondays, 2:30-5:30pm, VH B

Fall 2017

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

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

#### Course Credit Exclusions

Please refer to [York Courses Website](#) for a listing of any course credit exclusions.

#### Course website: Moodle

#### Course Description

Sensation and perception are at the heart of psychology. The first academic psychology departments focussed on perception and many things that we study in psychology today, ultimately depend on our ability to make sense of the world around us.

This course will illustrate how the study of sensation and perception combines results from psychology with insights from biology and computer science. We will focus on the sensory systems responsible for seeing and hearing, and proceed from an understanding of the respective stimulus (light/sound), to the physiology of the receptors and the cortical areas involved in processing, to the way we use the information that reaches our eyes and ears to "compute" meaningful interpretations of the world.

#### Program Learning Outcomes

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

1. Demonstrate broad knowledge of biological determinants of sensation and perception

2. Understand and interpret principles of sensation and perception in everyday life.
3. Describe and evaluate current theory and research in sensation and perception.
4. Define causes of human sensation and perception from different perspectives.

## Required Text

- Goldstein & Brockmole (2016): *Sensation & Perception* (10th edition). Cengage Learning, Boston, USA.

## Course Requirements and Assessment:

| <i>Assessment</i> | <i>Date of Evaluation</i> | <i>Weighting</i> |
|-------------------|---------------------------|------------------|
| Mini-Exam         | Sep 18, 2017              | 5%               |
| Mini-Exam         | Sep 25, 2017              | 5%               |
| Mini-Exam         | Oct 2, 2017               | 5%               |
| Mini-Exam         | Oct 16, 2017              | 5%               |
| Mini-Exam         | Oct 23, 2017              | 5%               |
| Mini-Exam         | Oct 30, 2017              | 5%               |
| Mini-Exam         | Nov 6, 2017               | 5%               |
| Mini-Exam         | Nov 13, 2017              | 5%               |
| Mini-Exam         | Nov 20, 2017              | 5%               |
| Final-Exam        | Dec 6-21, 2017            | 55%              |
| <i>Total</i>      |                           | 100%             |

## Description of Assignments

Students will participate in weekly mini-exams (about 2 minutes) online. Each exam will make up 5% of the final grade. The exams can be taken from a smart phone or a laptop computer with internet access. The url at which the exams can be accessed will be made available in class on September 11. The assessments consist of a list of statements for which students will need to decide if they are correct or incorrect. There will not be enough time to process all statements in detail and students are and achieving approximately 80% correct will be sufficient to get a grade of A+(9). Note that this url will only be active from about 15 minutes before the class starts to about 15 minutes after. Contact the instructor before September 11 if you will not be able to participate in these mini assessments.

## 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 2017-18](#))

## Late Work/Missed Tests or Exams

Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (Attending Physician Statement which can be found at: [may request accommodation from the Course Instructor](#). Further extensions or accommodation will require students to submit a formal petition to the Faculty.

If you cannot write an exam you must contact a TA BEFORE the start of the test. If you do not speak to a person directly you must email them - if you don't receive a response, email again. If you are unable to contact someone during a 24 hour period, documentation accounting for the delay must be provided. Documentation verifying the reason for the missed exam (see below) must be provided either prior to or at the time of the make-up. Failure to provide appropriate documentation will result in a grade of 0 on the exam.

There will be only one chance for a make-up test and that will be in the form of an oral exam. Dates for the oral make-up exam need to be made with the instructor within a week after the original final exam date. The actual date for the oral make-up must not be later than January 31, 2018.

## Important New Information Regarding Missed Tests

For any missed tests or late assignments, 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 test/assignment.

## Add/Drop Deadlines

For a list of all important dates please refer to: [Fall/Winter 2017-18 - Important Dates](#)

|                                                                                                    | FALL (F) | YEAR (Y) | WINTER (W) |
|----------------------------------------------------------------------------------------------------|----------|----------|------------|
| Last date to add a course without permission of instructor (also see Financial Deadlines)          | Sept. 20 | Sept. 20 | Jan. 17    |
| Last date to add a course with permission of instructor (also see Financial Deadlines)             | Oct. 4   | Oct. 18  | Jan. 31    |
| Drop deadline: Last date to drop a course without receiving a grade (also see Financial Deadlines) | Nov. 10  | Feb. 9   | March 9    |

|                                                                                                             |                  |                  |                   |
|-------------------------------------------------------------------------------------------------------------|------------------|------------------|-------------------|
| Course Withdrawal Period (withdraw from a course and receive a grade of “W” on transcript – see note below) | Nov. 11 - Dec. 4 | Feb. 10 - Apr. 6 | March 10 - Apr. 6 |
|-------------------------------------------------------------------------------------------------------------|------------------|------------------|-------------------|

[^x] **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.*

## Information on Plagiarism Detection

Does not apply.

## Electronic Device Policy

Students may use electronic devices during classes except during the final examination. See below as well.

## Attendance Policy

The weekly mini-assessments are mandatory and can only be taken during the times of the class. Attendance for the final exam is mandatory.

## 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.

## Electronic Devices During a Test/Examination

Electronic mobile devices of any kind are not allowed during the final examination. Students are required to turn off and secure any electronic mobile device in their bag which is to be placed under the chair while the final exam is in progress. Any student observed with an electronic device during the final exam may be reported to the Undergraduate Office for a potential breach of Academic Honesty.

## 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 [York University Accessibility Hub](#) is your online stop for accessibility on campus. The [Accessibility Hub](#) provides tools, assistance and resources. Policy Statement.

**Policy:** 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 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

- Sep 11: Intro (Ch 1)
- Sep 18: Perception (Ch 2)
- Sep 25: Neural processing (Ch 3)
- Oct 2: Cortical organization (Ch 4)
- Oct 9: **Thanksgiving, no class**
- Oct 16: Objects and Scenes (Ch 5)

- Oct 23: Visual Attention (Ch 6)
- Oct 30: Action (Ch 7)
- Nov 6: Motion (Ch 8)
- Nov 13: Color (Ch 9)
- Nov 20: Depth & Size (Ch 10)
- Nov 27: Hearing (Ch 11)