

# Sensation & Perception II 3270M - Online

## INSTRUCTOR

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Office Hours: By appointment

Course Webpage: The course is hosted on the York site <https://moodle.yorku.ca>

All course information will be posted on the above website. In the event of ANY disruption in the teaching schedule you are to go to this site for instruction and information.

Course Prerequisites: PSYC 1010 6.0 with a minimum grade of C.  
PSYC 2220 3.0 with a minimum of a passing grade

## TEACHING ASSISTANT

Matthew Cutone                      Email: cutonem@yorku.ca  
Office Hours: By appointment

## TEXTBOOK

B. Goldstein Sensation and Perception 8<sup>th</sup> or 9<sup>th</sup> edition - we will be covering chapter 1, Appendix A, chapters 11-15, and additional material in the text.

## COURSE DESCRIPTION

The study of perception involves a complex combination of physiology, psychophysics, and cognition. In this course we will explore the major sensory systems focussing primarily on hearing, and the cutaneous and chemical senses, using these topics as a framework. It is expected that you have taken (or are currently taking) Sensation and Perception I, which covers the visual system in detail.

Throughout the course, issues will be explored from an experimental perspective. Therefore, in some lectures we will cover the fundamental experimental paradigms used to study perception (psychophysics). Over the course of the term we will discuss different sensory systems in turn; in each instance time will be spent describing the stimulus (light, sound), the physiology of the receptors and subsequent cortical areas that are activated.

*One of the primary goals of this course is to introduce you to many of the fascinating aspects of how we perceive the world around us. At the conclusion of this course you should appreciate how your sensory perceptions are 'all in your head'.*

*A related, and important, aim is to provide a deeper understanding of how scientific methods are used to study perceptual processes. You will eventually be able to think through a perceptual experiment, understand the methodology used, and why.*

## COURSE EVALUATION

2 In-class tests:	55%	(multiple choice & short answer - 27.5% each)
Final exam:	40%	(multiple choice & short answer)
Participation	5%	(Discussion Posting)

The final exam will be held during the regular exam schedule and will be comprehensive.

Instructions for the participation component are posted on the course website. **The final date to post is the last day of classes April 6th.**

The tests will be based on the text and all lectures. Web-based materials will be included if mentioned in the lectures.

**If you are ill and cannot attend a midterm or final you must notify us BEFORE the start of the test. If you wait until after the test you may not be able to write the make-up. Also, you must provide proof of adversity to write the make-up.**

Make-up exams will be scheduled for pre-assigned days and not on an individual basis.

Given that this is an online course, the midterm(s) will be scheduled on weekends. We will deal with any scheduling conflicts on an individual basis, however, personal commitments will not be accommodated except in extreme circumstances.

## LECTURE/TEST SCHEDULE

### TEST DATES

<b>Midterm 1</b>	<b>Lectures 1-5</b>	<b>Feb 22<sup>nd</sup> (to be confirmed)</b>
<b>Midterm 2</b>	<b>Lectures 4-9</b>	<b>March 22<sup>nd</sup> (to be confirmed)</b>

**Final Exam** During the regular exam schedule (no exceptions for vacation plans) and will be comprehensive (all lectures).

The tests will be based on the text, and all lectures, films or demos.

Please refer to the York University Religious Observance website for information regarding observed holidays and procedures:

<https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs> and the Important Dates site: <http://www.registrar.yorku.ca/enrol/dates/fw14.htm>

### LECTURE TOPICS

Release date	Lecture	Chapter	Content
Jan 5 <sup>th</sup> First 5 lectures available			Obtain Accounts Review Course
	1	1 & Appendix A	Psychophysics & Signal Detection theory
	2	11	Auditory System
	3	12	Hearing
	4	13	Speech Perception
	5	14	Touch
Sunday Feb 22 <sup>nd</sup> To be confirmed	-----	Midterm 1	-----
February 23 <sup>rd</sup> Final 4 lectures available			
	6	15	Smell & Taste
	7	Lecture (not in text)	Time perception
	8	16	Perceptual Development
	9	Lecture (not in text)	Disorders of Perception & Comparisons <b>among</b> Senses
Sunday March 22 <sup>nd</sup> To be confirmed	----	Midterm 2	

\*\* These lectures contain some material from 2220 (S&P I) to be sure that everyone has the same background.

## MISSED EXAMS

According to University Policy, the only legitimate excuse for missing an exam is because of medical problems or exceptional circumstances.

**IF YOU ARE ILL YOU MUST CONTACT YOUR TA BEFORE THE START OF THE EXAM - THIS IS A FIRM POLICY. ALSO YOU MUST PROVIDE EVIDENCE OF ADVERSITY SEE ITEMS A & B BELOW.**

Failure to contact us, or to provide appropriate documentation will result in a grade of zero on the exam.

A. Tests or examinations missed on the grounds of medical circumstances must be supported by an **Attending Physician's Statement or a Statement by a Psychologist or Counsellor**. The Attending Physician's Statement must include (i) the full name, mailing address and telephone number of the Physicians, (ii) state the nature of the illness and its duration (i.e., specific dates covered), and (iii) an indication of whether the illness and/or medication prescribed would have seriously affected your ability to study and perform over the period in question.

B. Exams missed on the ground of exceptional non-medical circumstances must be supported by appropriate documentation, i.e., death certificates, obituary notice, automobile accident reports, airline/train/bus tickets/receipt for emergency travel (with date of booking on ticket), etc. Receipts from emergency travel must indicate destination, departure and return dates.

**IT IS YOUR RESPONSIBILITY COMMUNICATE WITH THE TA TO NOTIFY HIM/HER IF YOU WILL NOT BE ABLE TO WRITE A TEST OR A MAKE-UP. THERE WILL BE NO RE-SCHEDULED MAKE-UP TESTS.**

**A CONFLICT IN ANOTHER COURSE DURING THE TIME OF THE MAKE-UP IS NOT AN ACCEPTABLE REASON FOR MISSING THE MAKE-UP (UNLESS THERE IS AN EXAM IN THAT COURSE AT THAT TIME).**