



Psychology 369 (L02)

Sensation and Perception

<b>Instructor:</b>	Dr. Duane Page	<b>Lecture Location:</b>	ES 443
<b>Phone:</b>	403-827 4172	<b>Lecture Days/Time:</b>	T/ R: 9:30-10:45
<b>Email:</b>	<a href="mailto:djpage@ucalgary.ca">djpage@ucalgary.ca</a>		
<b>Office:</b>	Admin 257D		
<b>Office Hours:</b>	TBA		

**Course Description and Goals:**

The psychological and physiological bases of sensory and perceptual processes, including vision, audition, taste, smell, touch, proprioception, and basic psychophysics. Provides a background for advanced courses in sensory and perceptual processing, human factors, and environmental psychology.

**Basic Objectives**

- Acquire a general understanding of the processes behind sensation and perception.
- A working knowledge of the structure and function of the sensory systems.
- An ability to compare and contrast scientific theories and research methodologies used to investigate sensation and perception.
- Develop an ability to understand the major issues and concepts that surround the study of sensation and perception

**To Succeed**

To do well in this course, you will need to come to lectures and to have read the material in the textbook, preferably before lecture. The purpose of lecture is to explain some of the more complex concepts by way of discussion, video and demonstration. Most of the material covered in lecture can be found in the text, but NOT all. You are responsible for ALL the material covered in BOTH lecture and text. Slides and lecture notes will be posted on Blackboard, but please note that the slides are not a substitute for attending the lectures: most of the slides contain very little text, and you really need the explanation from lecture in order to make sense out of them.

**Prerequisites:**

Psyc 205 – Principles of Psychology

**Required Text:**

Chaudhuri, Avi (2010) Fundamentals of Sensory Perception, Oxford ISBN-13: 9780195433753  
Available in the University Bookstore

**Evaluation:**

There are 3 multiple-choice exams, each worth 1/3. The exams will cover ALL lecture material and ALL text material. The majority of the exams will cover lecture material. The exams and NOT cumulative. Two are scheduled in class, the last by the registrar.

**Grading Scale:**

A+	96-100%	B+	80-84%	C+	67-71%	D+	54-58%
A	90-95%	B	76-79%	C	63-66%	D	50-53%
A-	85-89%	B-	72-75%	C-	59-62%	F	0-49%

To determine final letter grades, final percentage grades will be rounded up or down to the nearest whole percentage (e.g., 89.5% will be rounded up to 90% = A but 89.4% will be rounded down to 89% = A-).

**Tentative Lecture Schedule:**

Date	Lecture Topic	Text Chapter
T Jan 10	Perceptual Measurement	1
R Jan 12	Perceptual Measurement	1
T Jan 17	Biological Foundations	2
R Jan 19	Sound and the Ear	5
F Jan 20	Last day to drop a course with tuition refund.	
M Jan 23	Last day for registration/change of registration.	
T Jan 24	Sound and the Ear	5
R Jan 26	Hearing	6
T Jan 31	Hearing	6
R Feb 2	Music and Speech	7
T Feb 7	Music and Speech	7
<b>R Feb 9</b>	<b>EXAM I</b>	<b>1,2,5,6,7</b>
T Feb 14	Light Optics and the Eye	8
R Feb 16	Light Optics and the Eye	8
T Feb 21	Reading days. No lecture.	
R Feb 23	Reading days. No lecture.	
T Feb 28	Early Vision	9
R Mar 1	Early Vision	9
T Mar 6	Object Perception	10
R Mar 8	Object Perception	10
T Mar 13	Color Perception	11
R Mar 15	Color Perception	11
<b>T Mar 20</b>	<b>EXAM II</b>	<b>8,9,10,11</b>

R Mar 22	Depth Perception	12
T Mar 27	Depth Perception	12
R Mar 29	Motion Perception	13
T Apr 3	Motion Perception	13
R Apr 5	Touch & Pain	3
T Apr 10	Touch & Pain	3
R Apr 12	Taste & Smell	4
F Apr 13	Lecture ends. Last day to withdraw	
<b>TBA</b>	<b>EXAM III (scheduled by registrar)</b>	<b>12,13,3,4</b>

### **Reappraisal of Grades:**

A student who feels that a piece of graded term work (e.g., term paper, essay, test) has been unfairly graded, may have the work re-graded as follows. The student shall discuss the work with the instructor within 15 days of being notified about the mark or of the item's return to the class. If not satisfied, the student shall immediately take the matter to the Head of the department offering the course, who will arrange for a reassessment of the work within the next 15 days. The reappraisal of term work may cause the grade to be raised, lowered, or to remain the same. If the student is not satisfied with the decision and wishes to appeal, the student shall address a letter of appeal to the Dean of the faculty offering the course within 15 days of the unfavourable decision. In the letter, the student must clearly and fully state the decision being appealed, the grounds for appeal, and the remedies being sought, along with any special circumstances that warrant an appeal of the reappraisal. The student should include as much written documentation as possible.

### **Plagiarism and Other Academic Misconduct:**

Intellectual honesty is the cornerstone of the development and acquisition of knowledge and requires that the contribution of others be acknowledged. Consequently, plagiarism or cheating on any assignment is regarded as an extremely serious academic offense. Plagiarism involves submitting or presenting work in a course as if it were the student's own work done expressly for that particular course when, in fact, it is not. Students should examine sections of the University Calendar that present a Statement of Intellectual honesty and definitions and penalties associated with Plagiarism/Cheating/Other Academic Misconduct.

### **Academic Accommodation:**

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 403-220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than 14 days after the start of this course.

**Absence From A Test/Exam:**

Makeup tests/exams are NOT an option without an official University medical excuse (see the University Calendar). A completed Physician/Counselor Statement will be required to confirm absence from a test/exam for health reasons; the student will be required to pay any cost associated with this Statement. Students who miss a test/exam have 48 hours to contact the instructor and to schedule a makeup test/exam. Students who do not schedule a makeup test/exam with the instructor within this 48-hour period forfeit the right to a makeup test/exam. At the instructor's discretion, a makeup test/exam may differ significantly (in form and/or content) from a regularly scheduled test/exam. Except in extenuating circumstances (documented by an official University medical excuse), a makeup test/exam must be written within 2 weeks of the missed test/exam.

**Freedom of Information and Protection of Privacy (FOIP) Act:**

The FOIP legislation disallows the practice of having student's retrieve tests and assignments from a public place. Therefore, tests and assignments may be returned to students during class/lab, or during office hours, or via the Department Office (Admin 275), or will be made available only for viewing during exam review sessions scheduled by the Department. Tests and assignments will be shredded after one year. Instructors should take care to not link students' names with their grades, UCIDs, or other FOIP-sensitive information.

**Course Credits for Research Participation (Max 2% of final grade)**

Students in most psychology courses are eligible to participate in Departmentally approved research and earn credits toward their final grades. **A maximum of two credits (2%) per course, including this course, may be applied to the student's final grade. Students earn 0.5% (0.5 credits) for each full 30 minutes of participation.** The demand for timeslots may exceed the supply in a given term. Thus, students are not guaranteed that there will be enough studies available to them to meet their credit requirements. Students should seek studies early in the term and should frequently check for open timeslots. Students can create an account and participate in Departmentally approved research studies at <http://ucalgary.sona-systems.com>. The last day to participate in studies and to assign or reassign earned credits to courses is **Apr 13<sup>th</sup>, 2012**

**Evacuation Assembly Point:**

In case of an emergency evacuation during class, students must gather at the designated assembly point nearest to the classroom. The list of assembly points is found at <http://www.ucalgary.ca/emergencyplan/assemblypoints>. Please check this website and note the nearest assembly point for this course.

**Student Organizations:**

Psychology students may wish to join the Psychology Undergraduate Students' Association (PSYCHS). They are located in Administration 170 and may be contacted at 403-220-5567.

**Student Union VP Academic:** Phone: 403-220-3911 [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)

**Student Union Faculty Rep.:** Phone: 403-220-3913 [socialscirep@su.ucalgary.ca](mailto:socialscirep@su.ucalgary.ca)

**Important Dates** <http://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>

The last day to drop this course with no “W” notation and **still receive a tuition fee refund** is **January 20, 2012**. Last day for registration/change of registration is **January 23, 2012**. The last day to withdraw from this course is **Apr 13, 2012**.