



**Department of Psychology**  
**Psychology 369 (L20) – Sensation and Perception**  
**Spring 2011 – Course Outline**

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<b>Instructor:</b>	<b>Dr. Audny T. Dypvik</b>	<b>Lecture Location:</b>	<b>PF126</b>
<b>Phone:</b>	403-220-2242	<b>Lecture Days/Time:</b>	TR 11:00 – 13:45
<b>Email:</b>	<a href="mailto:atdypvik@ucalgary.ca">atdypvik@ucalgary.ca</a>		
<b>Office:</b>	A257D		
<b>Office Hours:</b>	By appointment		

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### **Course Description and Goals**

The purpose of this course is to examine the psychological and physiological bases of sensory and perceptual processes including vision, audition, taste, smell, touch, proprioception, and basic psychophysics. It is meant to provide a background for advanced courses in sensory and perceptual processing, human factors, and environmental psychology.

### **Prerequisites**

Psyc 205 – Principles of Psychology

### **Required Text**

Goldstein, E.B. (2010). Sensation and Perception, (Eighth Edition). Belmont, CA : Wadsworth. Textbooks will be available in the University Bookstore.

### **Evaluation**

There will be three equally weighted, non-cumulative examinations. The format of the exams will be multiple-choice questions. The average of the three exams will be your final mark. The date of Exam 1 will be May 24 and will test chapters 1 through 5. The date of Exam 2 will be June 9 and will test chapters 6 through 11. The final exam will be scheduled by the Registrar, and will test chapters 12 through 16.

<b>Exam</b>	<b>Date</b>	<b>Text coverage</b>	<b>% of Grade</b>
Exam 1	May 24, 2011	Chapters 1-5	33.3%
Exam 2	June 9, 2011	Chapters 6-11	33.3%
Final Exam	Scheduled by Registrar	Chapter 12-16	33.3%

### **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%

As stated in the University Calendar, it is at the instructor's discretion to round off either upward or downward to determine a final grade when the average of term work and final examinations is between two letter grades. 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	Topic	Exams	Text Chapter
R May 12	Lecture begins. Study of Perception and its Measurement Physiology of Perception – brain structure, neural processing		1 2
M May 16	Last day for registration/change of registration and last day to drop a course with tuition refund.		
T May 17	Vision – the eye, visual perception Visual cortex – representation of objects and visual pathways		3 4
R May 19	Object and scene perception		5
T May 24	Visual attention related to perception	EXAM 1 Ch. 1-5	6
R May 26	Perception within a changing environment Motion perception		7 8
T May 31	Color perception – description and theories of color vision		9
R June 2	Depth and size perception – cues used		10
T June 7	Sound and the auditory system – from the ear to the cortex		11
R June 9	Sound localization and the auditory scene	EXAM 2 Ch. 6-11	12
T June 14	Speech perception – from the acoustic signal to units of speech		13
R June 16	Cutaneous senses – touch and pain		14
T June 21	Chemical senses – olfaction and taste		15

R June 23	Lecture ends. Perceptual Development		16
F June 24	Last day to withdraw.		
June 27-29	Final Exam – Scheduled by the Registrar	FINAL EXAM Ch. 12-16	

### **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**

Students who miss a term test due to a valid and documented official University reason (illness, domestic affliction, or religious conviction) have 48 hours to contact AND schedule a makeup test with the instructor. The onus is on the student to have a makeup test approved and scheduled within 48 hours, or the makeup test option is forfeited. The same process applies to missed makeup tests. At the instructor's discretion, the makeup test may differ significantly in form and/or content from the missed test. However, the makeup test cannot differ in weight (%)

of final grade) from the missed test. Except in extenuating circumstances (a documented official University medical excuse), a makeup test must be written within 2 weeks of the missed test. Absence from a final exam, and deferral of a final exam, are handled by Enrolment Services (see [http://www.ucalgary.ca/registrar/deferred\\_final](http://www.ucalgary.ca/registrar/deferred_final)). Students absent from a final exam must notify the instructor within 48 hours and must then apply for an official deferred final exam no later than the deadline indicated in the Examinations Schedule.

### **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 (2) 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 **June 24<sup>th</sup>, 2011.**

### **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)

### **Student Ombudsman's Office**

The Office of the Student Ombuds provides independent, impartial and confidential support for students who require assistance and advice in addressing issues and concerns related to their academic careers. The office can be reached at 403-220-6420 or [ombuds@ucalgary.ca](mailto:ombuds@ucalgary.ca) (<http://www.su.ucalgary.ca/services/student-services/student-rights.html>).

### **Safewalk**

The safewalk program provides volunteers to walk students safely to their destination anywhere on campus. This service is free and available 24 hrs/day, 365 days a year. Call 403-220-5333.

**Important Dates**

The last day to drop this course and **still receive a tuition fee refund** and the last day for registration/change of registration is **May 16, 2011**. The last day to withdraw from this course is **June 24, 2011**.