

Sensation and Perception Psychology 4120

Class: Tuesday and Thursday from 12:30-1:45 PM, Psychology Building, Room 111

Laboratory meeting: T from 2:00-3:15, SLC, Room 207

Instructor: B. Randy Hammond Office Hours: Wed-Thurs 3:30-5:00 PM or by appointment

Office: Psychology Building, Room 511 email: bhammond@uga.edu

The objective of this course is to provide a detailed introduction to sensory psychology. Lectures and readings will include information about the visual, olfactory (smell), gustatory (taste), somatosensory (touch), and auditory systems. A significant amount of class time will be spent covering practical applications of the material covered in the text.

Required Materials

Text: Goldstein, B.R. (2007). *Sensation and Perception*. 7th Edition. Wadsworth Publishing, Pacific Grove, CA.

Evaluation

There is a total of **350** possible points in this course.

Laboratory: The laboratory section of this course will provide hands-on experience with the concepts covered in class. Performance in the laboratory will be evaluated according to satisfactory completion of laboratory assignments. Under ordinary circumstances, laboratory assignments cannot be made up. This section will be worth 14% of the overall grade (50 points). The activities involved are reviewed more completely in the laboratory section syllabus.

Exams: There will be two exams during the semester and a comprehensive final exam. The exams will be a combination of fill-in and short-essay. Each of the exams will be worth 100 points (29% each)

Assignment of letter grades

The letter grades that correspond to the point system are shown below:

<i>Points</i>	<i>%</i>	<i>Grade</i>
350-326	100-93	A
325-315	92-90	A-
314-305	89-87	B+
304-294	86-84	B
293-280	83-80	B-
279-270	79-77	C+
269-256	76-73	C
255-245	72-70	C-
244-210	69-60	D
209-	59-	F

Classroom experience and readings

Attendance is not required in this course (to wit, you will not lose points by not being present in class but much of the material that will be on the exam is not in the book. Students should read the assigned material *before* class and come to class prepared to discuss that material. Since this course may be more technical than some other psychology courses, I encourage students to come see me often. Students are also encouraged to meet with other students to discuss the readings, exams, or assignments.

Course Outline

<i>Date</i>	<i>Topic</i>	<i>Reading (text)</i>	<i>due dates</i>
Jan. 8	Orientation	(pgs 1-11)	
Jan. 10	Neurophysiology	(pgs 21-28)	
Jan. 15			
Jan. 17	Psychophysics	(pgs 12-19)	
Jan. 22	Light	(pgs 28-43)	
Jan. 24	Anatomy of the visual system	Chapter 3	
Jan. 29			
Jan. 31		Chapter 4	
Feb.5	Central visual processing		
Feb.7			Exam 1
Feb.12	Object perception	Chapter 5 and 6	
Feb.14	Color perception	Chapter 7	
Feb.19	Depth and movement perception	Chapter 8 and 9	
Feb.21			
Feb.26	Anatomy of the auditory system	Chapter 11	
Feb.28			
March 4	Auditory perception	Chapter 12	
March 6		Chapter 13	
March 10-14	SPRING BREAK		
March 18	Somatosensory system	Chapter 14	
March 20			
March 25			
March 27			Exam 2
April 1	Olfactory system	Chapter 15	
April 3			
April 8	Gustatory system		
April 10	Sensory development	Chapter 16	
April 15			
April 17	Relation to other bodily systems		
April 22			
April 24			
May 6	Final Exam: 12-3 PM		