

## Sensation and Perception Psychology 4120

Class: TR 9:30 – 10:45  
Room: Psychology Building, rm. 243  
Instructor: Jim Stringham, Ph. D.  
Office: Psychology building, rm. 609  
email: psychjim@uga.edu

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

### Required Materials

*Text:* Sensation and Perception. Yantis, Steven. Worth Publishers, 2014.

### Evaluation

*In-class & take-home assignments:* Some of these assignments will be done during class at random times. Students must be present in order to obtain credit for in-class assignments. Collectively, these assignments will be worth 100 points.

*Exams:* Including the final exam, there will be four exams during the semester. The exams will be a combination of multiple choice, fill-in-the-blank, and short essay. Each of the exams will be worth 100 points.

### Assignment of letter grades

%	Grade
100-90	A
89-80	B
79-70	C
69-60	D
Below 60	F

("+" grades = 7 to 9; "-" grades = 0 to 3, pure letter = 4 thru 6) e.g., 80-83=B-, 84-86=B, 87-89=B+

### Classroom experience and readings

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 contact me with questions often. I am an email fiend, so feel free to ask questions via email. I also encourage you to meet with other students to discuss the readings, exams, or assignments.

**Office hours:** by appointment only.

## Course Outline

<i>Date</i>	<i>Topic</i>	<i>Reading (text)</i>	<i>Test</i>
Jan 7, 9	Orientation, Introduction, Neurophysiology	Chapter 1, 2	
Jan 14, 16	Psychophysics, Visual anatomy	Chapter 1, 2	
Jan 21	Light, rods and cones	Chapter 2	
Jan 23	Lateral Geniculate Nucleus	Chapter 3	
Jan 28	Visual Cortex	Chapter 3	
Jan 30	<b>EXAM #1 (Chapters 1-3)</b>		*
Feb 4, 6	Higher-level visual processing / object perception	Chapter 4	
Feb 11, 13	Color perception / Depth perception	Chapters 5, 6	
Feb 18, 20	Motion perception / Attention	Chapters 7, 8	
Feb 25	Clinical aspects of vision		
Feb 27	<b>EXAM #2 (Chapters 4-8)</b>		*
March 4, 6	Sound and the auditory system	Chapter 9	
March 10-14	<b>SPRING BREAK</b>		
March 18, 20	The Auditory Brain, and Perceiving Auditory Scenes	Chapter 10	
March 25, 27	Perceiving Speech and Music	Chapter 11	
April 1	<b>EXAM #3 (Chapters 9-11)</b>		*
April 3, 8	The Body Senses	Chapter 12	
April 10, 15	The Chemical Senses: Perceiving Odors and Tastes	Chapter 13	
April 17	Perceptual Development		
April 22, 24	Vestibular function, review for final exam		
<b>May 1</b>	<b>FINAL EXAM, 8:00-11:00am</b>		<b>FINAL EXAM</b>

*As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work must meet the standards described in "A Culture of Honesty" found at: [www.uga.edu/honesty](http://www.uga.edu/honesty). Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.*

*The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.*