

Office: 241 Lake (Enter the corridor that is opposite Room 219 of Nightingale Hall).
Tel.: 373-3863. Office Hours: Wednesday 11:00-12:00 and by appointment.

Textbook: Wolfe, J.M., Kleunder, K.R., Levi, D.R. (2006) Sensation & Perception.
Sinauer: : Sunderland, MA.

Syllabus (dates are tentative)

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
Jan. 10-13	Overview & nervous system	Chap. 1
17	Psychophysics	
20-24	Light & the eye	Chap. 2
27	LGN & Striate Cortex	Chap. 3
31	Early Spatial Vision	
Feb. 3	Early Spatial Vision	
7	Review	
10	Exam 1	
14-17	Object perception	Chap. 4
21-28	Color	Chap. 5
Mar. 3	Depth & Size	Chap. 6
7-10	Spring Break	
14-17	Depth & Size	
21-24	Attention & Scene Perception	Chap. 8
28	Review	
31	Exam 2	
Apr. 4-7	Hearing: basics	Chap. 9
11	Hearing: complex features	Chap. 10, pp. 235-251
14	Hearing: music	Chap. 11, pp. 260-266
18	Overview and review	
21	Final Exam Week Starts	

<u>Examinations</u>	<u>Percent of final grade</u>
•Two hour exams	60%
•Final exam	40%

The hour exams will not be “cumulative”, but the final examination will be.

Class Policies:

(1) In general, NO MAKEUP EXAMS OR ASSIGNMENTS WILL BE GIVEN. A missed examination will be given a grade of 0, unless a valid excuse is given to the instructor PRIOR to the test. Valid excuses include sickness with a doctor's excuse, family emergencies, etc., but YOU MUST RECEIVE PERMISSION TO MISS A TEST PRIOR TO MISSING IT unless there is some extreme emergency, which must be documented later. If an hour exam is missed and a valid excuse is provided, the other exam will count double.

(2) Some material on exams will be covered in lecture but is not in the reading; some will be in the reading but not covered in lecture.

(3) An "Incomplete" will be given only when, for valid reasons (family emergencies, serious illness, etc.) a major component of the course could not be completed. An "Incomplete Contract" must be completed and placed on file in the psychology department in those cases. In general, I will not give Incompletes.

(4) Cheating will not be tolerated. The MINIMUM punishment would be failure on the test.

(5) Please arrive for class on time; late entrants to the classroom can be very disruptive.

Notes:

Please come see me during office hours. This is your chance to get detailed answers to any questions you may have, clear up any confusions, and let me know more about you and your interests. Do not waste your opportunities: come talk to me.

Perception, like many other advanced topics in Psychology, requires a little background knowledge from other disciplines. Background requirements for this course are minimal. However, if you feel confused and suspect your difficulty is due to a lack of preparation (in neurophysiology or in basic math, for instance), I CAN HELP. Do not be discouraged: come see me for extra help. YOU CAN LEARN ANYTHING.

Some useful web sites in Perception:

This is a very incomplete list of sites containing material relevant to the course. Note that I cannot vouch for the correctness of all the material you may find here; always remember that anyone can put material on the Web, and there is no one who checks it for accuracy (unlike most textbooks).

Website of the textbook: www.sinauer.com/wolfe/home/startF.htm

A useful general site on vision with many links: www.visionscience.com

Good but somewhat advanced tutorial on low-level vision: <http://www.yorku.ca/eye/>

A fun way to quiz yourself on perception:
<http://www.uni.edu/walsh/jeopardy.html>

A set of beautiful demonstrations and illustrations:
<http://lite.bu.edu/vision/applets/lite/lite/lite.html>

One of the best collections of illusions:
www.michaelbach.de/ot/

Counter-rotating spirals version of the movement aftereffect illusion:
<http://dogfeathers.com/java/spirals.html>

Webvision, an advanced treatment of retinal physiology and anatomy; now also includes sections on psychophysics and some cortical physiology:
<http://webvision.med.utah.edu/>