

Psychology 350

Sensation and Perception

Fall

Lectures: Tuesdays and Thursdays, [_____ in _____.]

Instructor: Dr. Levine (1022D BSB; MikeL@uic.edu -- I respond to email within one day)

My schedule is posted on the Internet at
<http://tigger.uic.edu/~mikel/schedule.html>

TA: TBD

Optional Text: *Sensation & Perception*, J.M. Wolfe, K.R. Kluender, D.M. Levi et al.; 3rd edition; Sinauer, 2012. ***Optional text***

This text can serve as a backup reference if you wish one – none of the material on tests or quizzes will come from it. Everything you need will be available in lectures and posted on BlackBoard (lecture slides and perhaps some supplemental optional readings).

The CD program shown in class and a PDF of supplemental readings is (or will soon be) available under *Course Documents* in *BlackBoard* – these materials are for the use of registered students only, and may not be transmitted to or shared with others.

Syllabus

LECTURES and READINGS:

Week	Topic(s)	Pages in Wolfe*
	General neuro – background review if needed	18-28
1	Introduction to vision: Light & the Eye	3; 31-36
2	Retina & Retinal Function; Ganglion Cells	37-44
3	Ganglion Cells & Lateral Antagonism	44-48
4	Lateral Antagonism & more Ganglion Cells	61-62
Exam 1: Will be Tuesday, [____] – but class at usual time!		
5	Primary Visual Areas of the Brain: OT & LGN	56; 62-65
6	Primary Visual Areas of the Brain: V1	64-74

7	Architecture of Vision in the Cerebrum	86-91; 206
8	Spatial Frequencies (maybe start now)	15-17
Exam 2:	Will be Tuesday, [] but class at usual time! Only includes material covered since exam 1.	
9	Spatial frequencies; Form and Pattern Perception	57-62 91-113
10	Form and Pattern Perception	190-196
11	Depth Perception; Perceptual Constancies & Illusions; Color Vision	150-175; 179 176-178
12	Color Perception; Sound and the Auditory System	118-146 264-266
13	Frequency Coding of Sound; Speech Perception	244-257
14	Speech Perception;	260-264
15	Psychophysics	4-15
Final exam	(Time and date will be confirmed when official)	

* Note that these are suggested pages with similar material. Of course, you may find other references, including other textbooks or the Internet – but be aware that if there is conflicting information (and there is a little, even in the Wolfe book) **the correct answer will always be what was presented in class or on the 350 BlackBoard site**. No allowance will be made for other answers, even if you can show a valid source!

There will be two in-class exams and one final exam. Exams will have both a multiple-choice and an essay component. Make-up exams (with a good excuse) will include four additional questions that can only count against your grade; make-ups *must* be taken by the next scheduled class time following the exam. There also will be several (at least six) pop quizzes given in class. The quizzes will be worth one point each, but only your best five scores will count toward your grade. There will be no make-ups for the pop quizzes.

The weighting for grading will be: Final = 42%; pop quizzes = 2% each (up to 10%), exams = 24% each. Approximately $\frac{2}{3}$ of the questions on the final will be about material covered after the 2nd exam; the other third will review material covered by the exams. *Details of how grades will be assigned are under Course Information in BLACKBOARD.*

NO EXTRA CREDIT WORK WILL BE ACCEPTED.

Study guides: Study guides are divided into the three main sections of the course. They are listed as the guide for Exam 1, Exam 2, and Final exam. Study guides will be made available in BLACKBOARD (under Course Documents) before the relevant exams.

Reminder: LAS students may drop courses through the end of second week using UIC Express phone registration or the online Student Access System. Between then and 6th week, undergraduates are entitled to a total of four optional late drops for the duration of their enrollment in LAS. Late drops require an appointment with an LAS advisor (996-3366) and appear as a "W" on the transcript.

Students are not permitted to attend any class unless they are officially enrolled.

PREREQUISITES: The prerequisite for this course is PSCH 242 with a grade of C or higher.

ATTENDANCE: This isn't high school – attendance is not taken. However, attendance is strongly encouraged; if you don't hear the material and the particular emphasis that is given, don't expect to do well on the tests. And, of course, if you are not in class you won't take the quiz if one is offered that day. Any changes (such as what material will be on an exam, or perhaps the date of the exam) will be announced in class – students are responsible to know about these changes.

Changes may also be posted on BLACKBOARD; updated versions of this syllabus will be posted as well.

Normal courtesy is expected in lecture: no disruptive conversations, no talking on cell phones, listening to music, or visiting inappropriate web sites. **But please do feel free to raise your hand for any questions you may have.**

ACADEMIC DISHONESTY: In fairness to the vast majority of students who take their college career seriously, no form of cheating will be tolerated. If you cheat on any test in this class, I will file official judicial charges against you with the Dean of Students. If you are found to be in violation, you will fail the entire class in addition to whatever sanctions may be imposed by the student judicial panel. There will be no exceptions to this policy.

Cheating includes, but is not limited to, looking on others' papers **or letting them look on yours** during a test, and copying or giving others test answers. Although there are no outside assignments in this course, be aware that cheating also includes plagiarism, which includes copying the words of a fellow student or any other author in your papers, copying even short phrases from written work that you are using as a reference (even if you cite it properly), handing in work that you have handed in for another class, handing in papers you've obtained from the internet or from other students, etc.

Students with disabilities who require accommodations for access and participation in this course must be registered with the Office of Disability Services (ODS). Please contact ODS at 312-413-2183 (voice) or 312-413-0123 (TDD). Of course, you will also need to inform either the TA or Dr. Levine of your requirements in a timely manner so we can implement them.

Student grievance procedures are posted at:

http://www.uic.edu/depts/oaa/faculty/FINAL_VERSION_STUDENT_PROCEDURES.pdf

Registration procedures and policies are at:

http://www.uic.edu/depts/oar/current_students/campus_policies.html