

Psychology 201 — Mind and Brain
Spring, 2004

Lecture Location. 180 PLC; Tuesday / Thursday, 2:00-3:20

Instructor:

Dr. Michael Anderson, 345 Straub, 346-4796. mcanders@darkwing.uoregon.edu
Office Hours: Tuesday/ Thursday , 3:30-4:30 or by appointment.

Discussion Instructor:

James Alford, Rm 212 Huestis Hall, 346-4903. jalford@uoneuro.uoregon.edu,
Office hours: M/W → 11-12:00

Christina Newman, RM 325 Straub Hall, 346-1980.

cnewman1@darkwing.uoregon.edu

Office Hours: Tuesday 12-1:50.

Meredith Meyer, Rm 398 Straub Hall, 346-4947,

mmeyer2@darkwing.uoregon.edu

Office Hours: Monday, 2:00-3:30; Wednesday, 3:00-4:00

Text: Gleitman, Fridlund, & Reisberg, 6th edition. Psychology. Norton.

Goal: The purpose of this course is to introduce you to the basic methods, theories, and findings of experimental psychology. Topics include how psychologists do research, how the nervous system is organized, how we sense and represent the world, how behavior is changed by the environment, how we remember, and the nature of thought.

Class Meetings: The lectures will be related to the readings, but are primarily intended to supplement, not to explain, the text.

Discussion (Lab) Sessions: The lab sections will be devoted to a variety of activities intended to complement the information covered in lecture and by the textbook. Sessions will consist of demonstrations of important psychological principles, discussion of relevant concepts and activities designed to assist students in preparing for exams and for completing course requirements. The lab section offers students the opportunity to ask questions about topics covered in lecture. Please plan to attend the lab regularly and bring any questions you have about the course material.

Exams: The exams will primarily be multiple choice in format, and will cover readings, lectures, and lab sections. Exams will not be cumulative. *No exam can be taken earlier than the time listed on this syllabus.*

Experimental Subject Requirement: The Psychology department requires that all students enrolled in introductory courses (201 and 202) participate in psychology research (if you do not complete this requirement, you will receive an Incomplete for the course). Specifically, you are required to participate in 4 experiments, lasting 1 hour

each, over the course of the term. More information about this requirement will be provided in class. It is a good idea to complete your experimental subject requirement as early in the term as possible, since experiments are sometimes hard to find later in the term.

The Human Subjects coordinator, Lisa Cromer, will give a presentation in class describing procedures for how to sign up for experiments. During this presentation, she will provide a handout describing procedures and rules. This handout may be found at <http://darkwing.uoregon.edu/~hscoord/handout.html>. Further information about the human subjects pool can be obtained at: <http://darkwing.uoregon.edu/~hscoord/>. Finally, the online system that is used to sign up for experiments can be found at: <http://uopsych.sona-systems.com>. All of these will be described by the human subjects coordinator during the first week of classes.

Paper Option.

If you do not wish to participate in experiments, you may write a research paper instead. See your lab instructor to arrange for this option.

Grading: Your final grade will be calculated from your examination scores and your discussion section grade. Your examinations will count for 75% of your grade, and your discussion section performance will count for 25% of your grade. There will be 2 exams given during the term, with the third one given during finals week. The score from your lowest examination will be dropped and the remaining two averaged to construct the exam portion of your grade. *No make-up examinations will be given.* However, if a you must miss one of the examinations for any reason, the missed examination will be the one that is dropped. As an incentive to take *all three examinations*, students who take all three exams whose final exam score (% questions answered correctly) exceeds both of their other exam scores will receive a bonus of 2% extra credit on their final class grade. Tests will be graded on a curve.

Students with Disabilities: If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with the instructor soon. Also please request that the Director of the office for Students with Disabilities send a letter verifying your disability. [Director for Students with Disabilities: Steve Pickett, 346-1162, TTY 346-1083, spickett@uoregon.edu]

Course Outline

Date	Lecture Topic	Reading Assignment	Week #
<u>Introduction and Overview</u>			
Mar 30	Introduction	Ch. 1	1
April 1	History of ideas in Psychology	Ch. 1	1
April 6	Research Methods	Ch. 1; Appendix I	2
April 8	Architecture of the Nervous System	Ch. 2	2
April 13	Building Blocks of the Nervous System	Ch. 2	3
April 15	Neurons and Neural Basis of Learning	Ch. 2	3
April 20	Exam 1	None	4
April 22	Neurons and Brain Demo	Ch. 4	4
April 27	Learning I : Classical Conditioning	Ch. 4	5
April 29	Learning II: Operant Conditioning	Ch. 5	5
May 4	Sensory systems	Ch. 5	6
May 6	Vision as a model sensory system	Ch. 5	6
May 11	Exam 2.	None	7
May 13	Deficits in Visual Perception	Ch. 6	7
May 18	Perception II: Form Perception	Ch. 6	8
May 20	Attention	Ch. 7	8
May 25	Memory 1	Ch. 7	9
May 27	Memory I: Structure of Memory	Ch. 7	9
June 1	Memory II: Amnesia	None	10
June 3	Knowledge and Thought	Ch. 8	10

June 7th (Monday at 1pm): Final Examination: