

Psy 202
Psychology as a Science
Winter, 1989

Professor: Dr. M. A. Gernsbacher

Office: 445 Straub, 686-4914 (can leave message at 686-4912)

Office Hours: 9:30 - 10:30 W/F or by appointment

Graduate Teaching Fellows:

Robin-Ann Cogburn

Office: 489 Straub, 686-4964

Office Hours: 4:00 - 5:00 M, T, Th

Michael Bryant

Office: 257 Straub, 686-4964

Office Hours: 12:30 - 1:30 Tues
9:30 - 11:30 Fri

Mark Eddy

Office: 377 Straub, 686-5561

Office Hours: 12:30 - 1:30 Tu, Th
3:30 - 4:30 Wed

Textbook: Psychology (Fourth Edition) by Darley, Glucksberg, Kinchla.
Prentice-Hall.

Lecture Place and Time: 110 Fenton; 11:00 - 12:20 T/TH

Laboratory Place and Time: 179 Straub; You must be registered for one of the following laboratory sections:

Monday 14:30	Tuesday 12:30	Wednesday 9:30	Thursday 12:30	Friday 11:30
		10:30		12:30
		11:30		

(Note -- Labs will begin meeting the week of Jan. 9)

Reading Assignments: For each lecture, there will be a reading assignment from the textbook. Except for the assignment for the first class period, all assignments should be read before you come to the lecture on the day they are assigned.

Laboratory Assignments: Each week during the hour that you spend in lab, you will complete a different assignment. There will be 8 assignments in all. Each will be graded, and each will be worth a maximum 20 points. You must attend the lab meeting to even be eligible to earn these 20 points.

Exams: There will be 2 midterm exams plus a final exam. All exams will be multiple choice. Each of the two midterm exams will contain 30 questions; the final exam will contain 90 questions. All questions will be worth 2 points. Thus, each of the two midterm exams will be worth 60 points, and the final exam will be worth 180 points. All three exams will cover the material presented in the lectures as well as the textbook. Please bring a No. 2 pencil to all three exams.

The first midterm exam will cover the material presented and assigned during the period that starts on the first class day and ends on the first midterm exam date (January 24th). The second midterm exam will cover the material presented and assigned during the period that starts after the first midterm exam and ends on the second midterm exam date (February 14th).

The final exam will cover material presented on the first two midterm exams AND the material presented and assigned during the period that starts after the second midterm exam and ends on the final exam date. Thus, of the 90 questions on the final exam, 30 questions will cover material from the first third of the quarter (i.e., the material tested on the first midterm exam), 30 questions will cover material from the second third of the quarter (i.e., material tested on the second midterm exam), and 30 questions will cover material from the final third of the quarter (i.e., material not previously tested).

Make-Up Exams: There will be no make-up exams. If you miss one of the midterm exams, your grade on that exam will be replaced by your grade on the corresponding section of the final exam. To make it fair for everyone, anyone can replace one of his or her midterm grades with his or her grade on the corresponding section of the final if he or she wants.

Research Requirement: The Department of Psychology requires all students in PSY 202, 203, 204, and 205 to fulfill a research requirement. This requirement can be fulfilled by participating in the Human Subject Pool experiments or by turning in a written research paper. Information about how to participate in Human Subject Pool experiments will be given to you in a handout titled "How to Fulfill the Research Requirement by Participating in Human Subject Pool Experiments." Students who want to fulfill the requirement with a written project should talk to Dr. Gernsbacher as soon as possible. Anyone not fulfilling the research requirement by the day of the final exam, will receive an "I".

Final Grades: Final grades will be based on the total number of points earned on

- (a) the 8 lab assignments (each worth 20 points)
- + (b) the 2 midterm exams (each worth 60 points)
- + (c) the final exam (worth 180 points)

Anyone earning

414	to	460	total points will receive an	A
368	to	413	" " " " a	B
322	to	367	" " " " a	C
276	to	321	" " " " a	D
275	or fewer		" " " " an	F

All exams will be curved. More specifically, after each exam, curve points will be added to each person's score. The number of curve points will be the difference between a perfect score and the average of the five highest scores (made by people in the class). For example, on the first midterm, a perfect score is 60 points. If the average of the five students who do the best on that exam is only 55, then everyone will receive 5 curve points.

Date	Lecture Topic	Reading Assignment
Th Jan 5	Overview & Research Methodology	Ch. 1 pp. 8-33
Tu Jan 10	Statistical Methodology	Appendix
Th Jan 12	Sensing with the Eyes and Ears	Ch. 3 pp. 80-111
Tu Jan 17	Sensing by Taste, Smell, & Kinesthesia	Ch. 3 pp. 112-116
Th Jan 19	Form, Depth, & Movement Perception	Ch. 4 pp. 119-142
Tu Jan 24	**** MIDTERM EXAM #1	---
Th Jan 26	Classical Conditioning	Ch. 6 pp. 187-196
Tu Jan 31	Operant (Instrumental) Conditioning	Ch. 6 pp. 196-218
Th Feb 2	Multi-Store Models of Memory	Ch. 7 pp. 231-244
Tu Feb 7	Demise of Multi-Store Models	Ch. 7 pp. 244-253
Th Feb 9	Memory Retrieval & Memory Disorders	---
Tu Feb 14	*** MIDTERM EXAM #2 ***	---
Th Feb 16	Speech Perception	Ch. 8 pp. 255-276
Tu Feb 21	Word Recognition	Ch. 4 pp. 142-152
Th Feb 23	Language Comprehension	Ch. 8 pp. 268-289
Tu Mar 28	IQ and IQ Tests	Ch. 10 pp. 325-347
Th Mar 2	Theories of Attention	Ch. 10 pp. 347-364
Tu Mar 7	Hypnosis & Sleep	Ch. 5 pp. 155-171
Th Mar 9	Review	---
Mon Mar 13 (15:15 pm)	*** FINAL EXAM ***	---

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TALLY SHEET for FINAL GRADE

Lab Assignment #1 _____

Lab Assignment #2 _____

MIDTERM EXAM #1 _____

Curve Points _____

Subtotal _____

Lab Assignment #3 _____

Lab Assignment #4 _____

Lab Assignment #5 _____

MIDTERM EXAM #2 _____

Curve Points _____

Subtotal _____

Lab Assignment #6 _____

Lab Assignment #7 _____

Lab Assignment #8 _____

Subtotal _____

FINAL EXAM _____

Curve Points _____

TOTAL POINTS
FOR COURSE _____

PSY 202
Exam #2

Topics to Review

fixed action patterns, reflexes, instincts
definition of learning
classical conditioning paradigm: US, UR, Neutral Stimulus, CS, CR
learned helplessness/avoidance learning
elements of Classical Conditioning (i.e., acquisition, reinforcement,
extinction, spontaneous recovery, stimulus generalization,
stimulus discrimination, vicarious (second hand) conditioning)
negative reinforcement vs punishment
shaping
instrumental conditioning
Thorndike's Law of Effect
Premack's principle
reinforcement (primary vs secondary / positive vs negative / partial
vs continuous)
schedules of reinforcement (variable / interval / fixed / ratio)
Tolman's three demonstrations
Atkinson & Shiffrin's multi-process system model of memory - b
depth of processing
proactive and retroactive interference
role of imagery in improving memory
role of prior knowledge in improving memory
episodic vs semantic memory - b
procedural vs declarative memory - b
mnemonic systems for improving memory
methods for measuring information retrieval
role of context in learning and retrieving info (state dependent
learning)
anterograde vs retrograde amnesia
Miller's magical number and chunking - b (a little in lecture though)
constructive memory - b

HOT LINE: 686-4914 MONDAY NIGHT: 7:00 - 12:00