

SYLLABUS  
PSYC 304  
FALL, 1991

DR. NANCY SHEPANEK  
OFFICE: 2061 DAVID KING  
HOURS: M & W, 12:30-1:30  
OR BY APPT.  
PHONE: 993-1349, 1358

<u>WEEK</u>	<u>TOPIC</u>	<u>ASSIGNMENT</u>
SEPT 4-6	INTRODUCTION AND CLASS OVERVIEW HISTORICAL PERSPECTIVE	CH 1
SEPT 9-13	SIMPLE LEARNING SYSTEMS HABITUATION AND SENSITIZATION NEURAL BASIS OF LEARNING	CH 2
SEPT 16-20	CLASSICAL CONDITIONING FOUNDATIONS	CH 3
SEPT 23-27	MECHANISMS OF CLASSICAL CONDITIONING	CH 4
SEPT 30-OCT 4	EXAM; INSTRUMENTAL CONDITIONING	CH 5
OCT 7-11	INSTRUMENTAL CONDITIONING	CH 5
OCT 14-18	SCHEDULES OF REINFORCEMENT	CH 6
OCT 21-25	THEORIES OF REINFORCEMENT	CH 7
OCT 28-NOV 1	STIMULUS CONTROL OF BEHAVIOR	CH 8
NOV 4-8	EXAM; AVOIDANCE AND PUNISHMENT	CH 9
NOV 11-15	CLASSICAL-OPERANT INTERACTIONS	CH 10
NOV 18-22	COGNITION	CH 11
NOV 25-29	COGNITION	CH 12
DEC 2-6	EXAM; APPLICATIONS	
DEC 9-13	COURSE SUMMARY	

FINAL EXAM: WEDNESDAY, DECEMBER 18 10:15-1:30 PM

TEXT: DOMJAN AND BURKHARD, THE PRINCIPLES OF LEARNING AND BEHAVIOR  
2ND EDITION

GRADES: Your final grade in the lecture section will be based on three noncumulative exams and a cumulative final. You may drop your lowest grade of these four; that is, if you take the first three exams you may elect to skip the final. No makeup exams will be given for any reason. If you miss one of the first three exams you must take the final. For the exams you will need to furnish your own Scantron machine scoreable answer sheets from the bookstore. The weighting of lecture and lab grades is 60%/40% for calculation of your final grade.

Last day to drop a class has been extended to October 7.

NOTICE REGARDING INCOMPLETES: Beginning in the Fall, 1991 semester, the university has changed the deadlines for completing coursework when a grade of "incomplete" has been assigned. (See pge 49 of current catalog). The new rules state: "The student must complete all the requirements by the end of the ninth week of the next semester, and the instructor must turn in the regular grade by the end of the tenth week. The student is responsible for submitting work to the instructor with sufficient time for evaluation." This means that work for incompletes earned this semester must be turned in to your professor by March 30. Failure to do so will result in a grade of F for the course.

PSYC 304 Laboratory  
Fall, 1992

Nani Medici  
Office: 2027 David King  
Hours: W 1:30-2:30  
R 1:00-2:00  
Or by Appt.  
Phone: 993-1358

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
Sept. 4	Introduction	
Sept. 11	Sensitization/Habituation in Aplysia Animal Handling Procedures	<del>Read reserved article on taste aversion</del>
Sept. 18	Taste Aversion Part 1 Research Ethics	
Sept. 25	Taste Aversion Part 2 Design Issues	
Oct. 2	Conditioning: Shaping Data Analysis	
Oct. 9	Conditioning: Schedule Training	Taste Aversion paper due
Oct. 16	Conditioning: Extinction	Read reserved article on stress induced analgesia
Oct. 23	Stress Induced Analgesia	Read reserved article on cat induced opioid analgesia
Oct. 30	Cat Induced Opioid Analgesia	
Nov. 6	Discrimination Learning	Optional Stress Induced Analgesia paper due
Nov. 13	Behavior Modification	
Nov. 20	TBA	
Nov. 27	Happy Thanksgiving	
Dec. 4	Cognitive demonstration Morris Water Maze Swim Task	
Dec. 11	Class Evaluation Journals Due	

**Grading:**

An APA paper is required on the taste aversion experiment. The paper will be worth 50 points. The paper is due at the beginning of the class. Late papers are docked a letter grade per week or fraction of a week. If the grade on this paper is a C or below, a make-up paper on stress induced analgesia can be written to replace the previous grade.

You are also required to keep a journal that will be worth 50 points. An entry will be made in the journal for each lab meeting. The journal should contain the subjects, materials, and procedure done for a given lab, any conclusions drawn from that lab, and other ideas or comments that you may have concerning the lab.

Handling of animals is strongly preferred, but it is not mandatory.