

SYLLABUS  
PSYC 304  
SPRING, 1993

DR. NANCY SHEPANEK  
OFFICE: 2085 DAVID KING  
HOURS: M & W, 10:30-11:30  
OR BY APPT.  
PHONE: 993-1349, 1358

| <u>WEEK OF</u> | <u>TOPIC</u>                         | <u>ASSIGNMENT</u> |
|----------------|--------------------------------------|-------------------|
| JAN 25         | INTRODUCTION AND CLASS OVERVIEW      | CH 1              |
|                | HISTORICAL PERSPECTIVE               |                   |
| FEB 1          | SIMPLE LEARNING SYSTEMS              | CH 2              |
|                | HABITUATION AND SENSITIZATION        |                   |
|                | NEURAL BASIS OF LEARNING             |                   |
| FEB 8          | CLASSICAL CONDITIONING FOUNDATIONS   | CH 3              |
| FEB 15         | MECHANISMS OF CLASSICAL CONDITIONING | CH 4              |
| FEB 22         | EXAM; INSTRUMENTAL CONDITIONING      | CH 5              |
| MAR 1          | INSTRUMENTAL CONDITIONING            | CH 5              |
| MAR 8          | SCHEDULES OF REINFORCEMENT           | CH 6              |
| MAR 14-21      | SPRING BREAK                         |                   |
| MAR 22         | THEORIES OF REINFORCEMENT            | CH 7              |
| MAR 29         | STIMULUS CONTROL OF BEHAVIOR         | CH 8              |
| APR 5          | EXAM; AVOIDANCE AND PUNISHMENT       | CH 9              |
| APR 12         | CLASSICAL-OPERANT INTERACTIONS       | CH 10             |
| APR 19         | COGNITION                            | CH 11             |
| APR 26         | COGNITION                            | CH 12             |
| MAY 3          | APPLICATIONS; EXAM; COURSE SUMMARY   |                   |

FINAL EXAM: MONDAY, MAY 17, 7:30-10:15 a.m.

TEXT: DOMJAN AND BURKHARD, THE PRINCIPLES OF LEARNING AND BEHAVIOR  
3rd 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 75%/25% for calculation of your final grade.

Last day to drop a class is February 26.



PSYC 304 Laboratory  
Spring, 1993

Nani Medici  
Office: 2027 David King  
Hours: M 1:00-2:00  
R 12:00-1:00  
Or by Appt.  
Phone: 993-1358

| <u>Date</u> | <u>Topic</u>  | <u>Assignment</u>  |
|-------------|---|--|
| Jan 25..... | Introduction  |  |
| Feb 1.....  | Sensitization/Habituation in<br>Aplysia<br>Animal Handling Procedures | Read reserved<br>article on<br>taste aversion              |
| Feb 8.....  | Taste Aversion Part 1<br>Research Ethics                              |  |
| Feb 15..... | Taste Aversion Part 2<br>Design Issues                                |  |
| Feb 22..... | Conditioning: Shaping<br>Data Analysis                                |  |
| Mar 1.....  | Conditioning: Schedule Training                                       | Taste Aversion<br>paper due                                |
| Mar 8.....  | Conditioning: Extinction  | Read reserved<br>article on<br>stress induced<br>analgesia |
| Mar 15..... | Spring Break/ No Class  |  |
| Mar 22..... | Cat Induced Opioid Analgesia  |  |
| Mar 29..... | Visual Discrimination   |  |
| Apr 5.....  | Behavioral Economics  |  |
| Apr 12..... | Behavior Modification   |  |
| Apr 19..... | Cognitive Behavior<br>People of the Forest                            |  |
| Apr 26..... | Cognitive Behavior<br>Morris Water Maze Swim Task                     |  |
| May 3.....  | Journals Due  |  |

Grading:

An APA paper is required on the taste aversion experiment. The paper will be worth 50% of your grade. 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 cat induced analgesia can be written to replace the previous grade.

You are also required to keep a journal that will be worth 50% as well. An entry will be made in the journal for each lab meeting. To get full credit for an entry you must attend the lab. The journal should contain the subjects, materials, and procedure done for a given lab, the results, any conclusions, and other comments that you may have concerning the lab.

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