

***Psychology 304 Lab***  
***Principles of Learning & Research***  
***Spring 1998***

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Tentative Schedule:

**Class Date**    **Topic and assignments**

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|---------|--|
| Jan. 22 | Introduction and Lab overview; Review of Psyc Lit in Library   |
| Jan. 29 | Review of APA style writing; Summary of research article   |
| Feb. 5  | Non associative Learning: Habituation & Sensitization; Data sheet due<br>Quiz: APA Style; <u>Due: Article summary</u>  |
| Feb. 12 | Pavlovian Learning: Taste Aversion Part 1; Data sheet due<br>Quiz: Habituation & Sensitization; <u>Due: Habituation Method Section</u>   |
| Feb. 19 | Taste Aversion Part 2; Data sheet due<br>Quiz: Taste Aversion  |
| Feb. 26 | Data Analysis for Taste Aversion<br>Operant Learning: Conditioning, Shaping, Schedules of Reinforcement<br><u>Due: Taste Aversion Rough Draft</u> (Title page, Introduction & Method Sections, with articles attached)                                   |
| Mar. 5  | Generalization & Discrimination (Film)<br>Quiz: Conditioning   |
| Mar. 12 | SPRING BREAK!  |
| Mar. 19 | Complex Behavior: Stress-induced analgesia; Data sheet due<br>Quiz: Generalization; <u>Due: Final Taste Aversion Paper</u> (Title page, Abstract, Intro, Method, Results, Discussion, References, Table, Figure, with rough draft and articles attached) |
| Mar. 26 | Behavior Modification<br>Quiz: Stress-induced analgesia  |

- Apr. 2            Conceptual Learning: Morris Water Maze; Data sheet due  
Quiz: Behavior Modification;
- Apr. 9            No Class.
- Apr. 16          Language, Intelligence and Culture. Sign of the Apes (film)  
Quiz: Morris Water Maze Due: Final Stress-induced analgesia paper  
with articles attached. Extra credit, take home quiz distributed
- Apr. 23          Due: Behavior Modification Poster Presentation and Student Critiques
- Apr. 30          Make-up class, only if needed.

**Goals:** There are two primary goals for Psyc 304 Lab. The first is to provide students with hands-on experience in the research of learning, which will roughly parallel and reinforce what is covered in lecture. The second goal of Lab is to provide an understanding of the writing requirements that accompany research, using the APA format..

**Text:** There is no required text for Lab; however, you must have access to the APA manual.

**Class Attendance:** Participation is expected at every class. There is a quiz nearly every week and data sheets due from each experiment so that nonattendance can get costly. If you must miss a lab, there will be an opportunity to drop one quiz grade. You are responsible for obtaining all notes and announcements from another student when you are absent.

**Policies:**

All assignments are due at the beginning of the class period. Any work with a due date is expected at the beginning of class on that day and otherwise will be reduced one letter grade per day that it is late. Exceptions for due dates will only be made for documented illnesses (a doctor's letter) or an approved emergency. Typically, quizzes will be given at the beginning of class. Quizzes cannot be made up so please **DO NOT COME LATE FOR CLASS.**

APA style papers are required for the Habituation (Methods section only), Taste aversion, and Stress-induced analgesia experiments. If you are having problems writing a paper or with interpreting journal articles in the literature, I am happy to help you in any reasonable way IF you have contacted me well before the paper is due (not the day before). You can come by during office hours, make an appointment, leave a voice mail or an e-mail. Except for documented emergencies, no extensions will be granted on papers, quizzes or projects.

Grades:

Approximately 60% of your grade can be earned from the APA writing assignments, while 40 % of your grade can be earned from lab participation and quizzes. There will be a total of 385 possible points for you to earn, plus 10 points of extra credit available. Additionally, your lowest quiz can be dropped. Your grade will be earned as follows:

- 80 points - Quizzes (10 points each x 8)
- 10 points - Data Sheets ( 2 points each x 5)
- 15 points - Habituation Method Section
- 20 points - Taste Aversion Rough Draft & Articles
- 100 points - Taste Aversion Final Paper
- 100 points - Stress Induced Analgesia Paper
- 50 points - Behavior Modification Project
- 10 points - Student Critiques
- (385 + 10 extra credit / 375 (drop 1 10 pt quiz))

Handling of animals is not required but is strongly encouraged.