Psychology 304 Lab
Principles of Learning & Research
Spring 1998

- Instructor: Denise Siciliano
- Office: David King 2027
- Office Hours: Wednesdays 9:00-10:00; or by appointment
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Tentative Schedule:

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