

Instructor:

E-mail:

Office Hours: By Appointment only

Textbook: None. The newest version of the APA style guide (6th ed.) is suggested.

Course Learning Goals

The aim of this course is to acquaint students with scientific research within the context of physiological psychology. Upon successful completion of this course, students will

- **have a basic understanding of experimental designs, methods and techniques used in animal conditioning research**
- **be able to analyze data using basic statistics**
- **be able to interpret the results of the statistical analyses**
- **produce an APA-style empirical paper.**

Upon successful completion, student will be able to:

- **Respond effectively to editorial feedback from peers and instructors through successive drafts and revision.**
- **Communicate effectively in the mode of an APA-style research paper.**
- **Evaluate and critically assess sources and use the conventions of attribution and citation correctly.**
- **Analyze and synthesize information and ideas from multiple sources to generate new insights.**

Date:	
9/12 – 9/16	Course Introduction, OSHA surveys APA: Overview, Title Page, Introduction, Figures/Tables Experimental Design Intro to Experiment 1 Animal Handling
9/19 – 9/23	Data Collection Experiment 1: Week 1 APA: Method Section, Results, Discussion, References Review of Statistics
9/26 – 9/30	Review Exp 1 articles in class-(have articles read!) Data Collection Experiment 1: Week 2
10/3 – 10/7	Introduction & Method Section Draft Due (optional) Data Collection Experiment 2: Week 1 Intro to Experiment 2 Review Data for experiment 1
10/10 – 10/14	Review Exp 2 articles in class-(have articles read!) *****QUIZ 1***** Data collection Experiment 2: Week 2
10/17 – 10/21	Lab Report Due: Experiment 1 Review Data for Experiment 2 Introduction to Experiment 3
10/24 – 10/28	Data Collection Experiment 3: Week 1
10/31 – 11/4	Review Exp 3 articles in class-(have articles read!) *****QUIZ 2***** Data Collection Experiment 3: Week 2
11/7 – 11/11	Lab Report Due: Experiment 2 Data Collection Experiment 3: Week 3
11/14 - 11/18	*** No Class***
11/21 – 11/25	*** No Class***
11/28 – 12/2	*****QUIZ 3***** Review Data: Experiment 3 Peer-Review of Lab Report 3 Intro/Methods
12/5 – 12/9	***No Class*** Lab Report for Experiment 3 Due by 5:00 Wednesday 12/7 Submit lab reports via Sakai

Allocation of points will be as follows:

Lab Report 1	15
Lab Report 2	20
Lab Report 3	25
Attendance/Participation	(5)/(5)=10 TOTAL
Quizzes	21 (7 points each)
Presentation	9(3 points each)

Lab Reports:

-All lab reports must be computer generated following the format presented in class (APA). Lab reports should be both submitted in person and on Sakai (drop box). Students submitting reports late (after the class session START on the due date) will lose 10% of the points for that report for each day it is late.

Attendance/Participation:

- Attendance in this class is critical to the success of the experiments, and therefore, mandatory.
- Any unexcused absence will take one point away from the participation point.
- You will also have .5 pts deducted for a late arrival to class.
- Arriving more than 20 minutes late to class will be counted as an unexcused absence.
- Any unexcused absence during the data collection of any experiment will result in failure to receive credit for that lab report.**
- An absence will be excused *only* with a note from the Dean's office. You are responsible for any information you missed.

Presentation:

-For each experiment, three supporting articles are provided as relevant background information. Students will work in groups in order to present the relevant information from these articles to their fellow classmates. HOWEVER, each student in the class is responsible for knowing the information from all three articles. This information will be on the quiz for the relevant module, and be necessary to complete the lab report for that experiment.

Quiz:

-Quizzes will be held during the first 15-20 minutes of class at 3 points during the semester. These quizzes will be based on the article presentations for each experiment, APA style, and the basic statistics used with our data throughout the semester. If you are late on the day of a Quiz, you will ONLY be allotted the remaining time to complete the quiz. If you arrive after the quiz has finished, you will receive an automatic zero for that quiz.

Mistreating or mishandling of the rats will result in a dismissal from the class and an 'F'. There are no excuses and no exceptions.