

SPRING 2012

Conditioning & Learning Lab 01:830:312:03
Tuesdays 3:20 - 6:20pm Busch Psychology Building Room 361

Instructor: Lindsey Czarnecki

E-mail: czarneli@eden.rutgers.edu

Office Hours: By Appointment only

Textbook: None. Required readings will be provided on Sakai throughout the semester.

Date:	Content:
1/24	Course Introduction, OSHA surveys, Plagiarism Care and Handling of Lab Animals APA: Overview, Abstract, Title page, Introduction (Lit. Review, Hypotheses) Introduction to Experiment 1 INSTRUCTORS: PLEASE HANDLE YOUR 4 RATS TODAY.
1/31	Experimental Design Example review article in class-(Please read article) APA: References Data Collection Experiment 1 week 1
2/7	Review Exp 1 articles in class-(have articles read!) APA: Results, Figures, Discussion Data Collection Experiment 1: Week 2 *****CHANGE FOOD SCHEDULE FOR EXPT 2*****
2/14	Introduction & Method Section Draft Due Review of Statistics Review Data for experiment 1 Intro to Experiment 2
2/21	Data collection Experiment 2: Week 1 *****QUIZ 1*****
2/28	Lab Report Due: Experiment 1 Data Collection Experiment 2: Week 2
3/6	Review Exp 2 articles in class-(have articles read!) Review Data for Experiment 2 Introduction to experiment 3 ***** UNLIMITED FOOD RETURNS***** EXCEPT DEMONSTRATORS
3/13	***SPRING BREAK - No Class***
3/20	Data Collection: Experiment 3 Week 1 *****CHANGE FOOD SCHEDULE FOR EXPT 3 *****
3/27	Data Collection Experiment 3: Week 2 *****QUIZ 2*****
4/3	Data Collection Experiment 3: Week 3 Lab Report Due: Experiment 2 ***** UNLIMITED FOOD RETURNS*****
4/10	Review Exp 3 articles in class-(have articles read!). Review Data for Experiment 3
4/17	*****QUIZ 3***** Peer-Review of Lab Report #3
4/24	No class this week: Lab Report for Experiment 3 Due by 5:00pm Tuesday 4/24 Submit lab reports via Drop Box

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

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 methods and techniques used in animal conditioning research
- understand the procedures for collecting data in animal conditioning research
- be able to use basic statistics and statistical software to analyze data
- be able to interpret the results of the statistical analyses
- produce an APA-style empirical paper.

Plagiarism

I and the University do not tolerate plagiarism. It is an insult to academic integrity and a disservice to your intellectual pursuits. Please review the University's policy on academic integrity at: <http://teachx.rutgers.edu/integrity/policy.html>.

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 points.

-You will also have 0.5 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.

Spring 2012

Conditioning & Learning Lab
01:830:312:04

Instructor: Kevin Coffey - mrcoffey@rutgers.edu
Time & Place: Wednesday: 3:20 – 6:20 (PSY-A361)
Office Hours: By Appointment Only
Textbook: APA style guide, 6th ed. (optional)

Course Learning Goals

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

- have a basic understanding of methods and techniques used in animal conditioning research
- understand the procedures for collecting data in animal conditioning research
- be able to use basic statistics and interpret the results of the statistical analyses
- produce an APA-style empirical paper.

Course Overview:

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

Lab Reports:

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

Attendance/Participation:

- Any unexcused absence will take one point away from the participation point.
- Arriving more than 25 minutes late to class will be counted as an unexcused absence.
- **Any unexcused absence during the data collection of any experiment will result in a FAIL 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. Each group will have to **present 1 article for only 1 experiment**. Group members will be graded separately on their contribution to the presentation.

Quizzes:

Quizzes will be held during the first 15-20 minutes of class, 3 times during the semester. These quizzes will be based on the article presentations for each experiment, APA style, and the basic statistics taught 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.

Academic Integrity:

Students must comply with the Rutgers Academic Integrity Policy: <http://academicintegrity.rutgers.edu/>

Mishandling or Abuse of the Rats in ANY Way Will Get You an Automatic F for the Course!

Course Schedule:

Date:	Class Overview
1/25	<ul style="list-style-type: none">• OSHA surveys• Course Introduction• APA: Overview, Title Page, Introduction, Figures/Tables• Experimental Design• Intro to Experiment 1• Care & Handling of Lab Animals
2/1	<ul style="list-style-type: none">• Experimental Design• Example Review Article (Please Read)• APA: Method Section, Results, Discussion, References• Data Collection for Experiment 1: Week 1
2/8	<ul style="list-style-type: none">• Present Experiment 1 Articles in Class: Have Articles Read!• Data Collection for Experiment 1: Week 2• Review of Statistic: Descriptive Statistics, t-test & F-test
2/15	<ul style="list-style-type: none">• Introduction & Method Section Draft Due (optional)• Review of Statistics: Correlation• Review Data for Experiment 1• Intro to Experiment 2
2/22	<ul style="list-style-type: none">• *****QUIZ 1*****• Data Collection for Experiment 2: Week 1
2/29	<ul style="list-style-type: none">• Lab Report Due: Experiment 1• Data Collection For Experiment 2: Week 2
3/7	<ul style="list-style-type: none">• Present Experiment 2 Articles in Class: Have Articles Read!• Review Data for Experiment 2• Introduction to Experiment 3
3/12 – 3/16	<ul style="list-style-type: none">• ***SPRING BREAK – NO CLASS***
3/21	<ul style="list-style-type: none">• Data Collection Experiment 3: Week 1
3/28	<ul style="list-style-type: none">• *****QUIZ 2*****• Data Collection for Experiment 3: Week 2
4/4	<ul style="list-style-type: none">• Lab Report Due: Experiment 2• Data Collection for Experiment 3: Week 3
4/11	<ul style="list-style-type: none">• Present Experiment 3 Articles in Class: Have Articles Read!• Review Data for Experiment 3
4/18	<ul style="list-style-type: none">• *****QUIZ 3*****• Peer-Review of Lab Report 3
4/23 – End	<ul style="list-style-type: none">• ***No Class***• Lab Report for Experiment 3 Due by 5:00pm Wednesday 5/2• Submit lab reports via Sakai