Learning Processes Lab – 01:830:312

Instructor: Qing Chang
Email: qc30@scarletmail.rutgers.edu

Office hours: by appointment only, Please email me then we meet at Room 232 , same bldg as the classroom

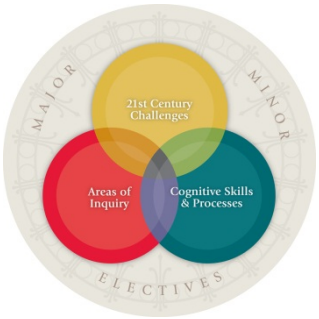
Class meeting place: PSY-A361, psychology bldg., Busch

Textbook: Labbook. Additional required readings will be provided on sakai throughout the semester

The aim of this course is to acquaint students with scientific research within the context of learning 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.

This course has been certified as satisfying four of the Writing and Communication Learning Outcome Goals (including WCR and WCD) of the SAS Core Curriculum. Specifically, students will be able to:



a) Respond effectively to editorial feedback from peers, instructors, and/or supervisors through successive drafts and revision (WCR);
b) Communicate effectively in modes appropriate to a discipline or area of inquiry (WCD);
c) Evaluate and critically assess sources and use the conventions of attribution and citation correctly;
d) Analyze and synthesize information and ideas from multiple sources to generate new insights.

Schedule for the class

Date:		Due
Jan 25th WEEK 1	Course Introduction, OHP surveys, Plagiarism Experimental Design, Care and Handling of Lab Animals APA: Overview, Introduction (Lit. Review, Hypotheses) Method Section, Title page, References Reading assignment	Orientation, OHP
Feb 1st WEEK 2	Data Collection Experiment 1: Week 1 Experiment 1 reading APA style reading materials	Quiz1
Feb 8th WEEK 3	Presentation on Exp1 articles APA: Results, Figures, Discussion Data Collection Experiment 1: Week 2	Presentation 1
Feb 15th WEEK 4	Review of Statistics Review Data for experiment 1 Intro to Experiment 2	Draft of Lab Report 1 Due by 11:59 pm (intro+method).

Feb 22nd WEEK 5	Data collection Experiment 2: Week 1	Quiz 2
Mar 1st WEEK 6	Presentation 2 Data collection Experiment 2: Week 2	Presentation 2
Mar 8th WEEK 7	Review Data for experiment 2	Lab Report for Experiment 1 Due by 11:59 pm.
Mar 15th WEEK 8	*****SPRING BREAK NO CLASS****	Extra credit quiz due
Mar 22th WEEK 9	Lab report 1 review Lab report 2 result section writing Optional: Write your result section in class	
Mar 29th WEEK 10	Extra credit assignment Introduction to experiment 3	Result section for Experiment 2 Due by 11:59 pm.
Apr 5th WEEK 11	Data Collection Experiment 3: Week 1	Quiz3
Apr 12th WEEK 12	Data Collection Experiment 3: Week 2 Optional: Write your result section in class Extra credit assignment Presentation 3 Optional: SPSS	Presentation 3
Apr 19th WEEK 13	Review data for Experiment 3 Extra credit Presentation Exp3 Q&A	Extra credit presentation
Apr 26th WEEK 14	**No class this week:** **Lab Report for Experiment 3 Due Today**	Lab Report for Experiment 3 Due by 11:59 pm.

Allocation of course points:	
Lab Report 1	**15**
Lab Report 2	**20**
Lab Report 3	**20**
Peer review	**5**
Attendance/Participation	**10**
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 (Assignments). 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.

-You are allowed a courtesy of grade adjustment only once. It can be used for a late submission (3 days) **OR** re-grading. This courtesy can be applied for labreport 1 and 2 only. For late submission, you can submit it within 72 hrs after the deadline. For a one time re-grading of your labreport, if you have questions about the comments/editing, you should see me to discuss about it. No revision of the report

can be submitted, but the original report will be re-graded after the meeting.

Academic Integrity:

- You are required to abide by the Rutgers policy on academic integrity; please familiarize yourself with this policy, you can view it at http://academicintegrity.rutgers.edu/integrity.shtml
- Pliagiarism is a violation of academic integrity. Lab reports will be checked for plagiarism using "Turnitin"

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 have 1 pts deduced for a late arrival to class.
- You will also have .5 pts deduced for an unnecessary usage of cellphones.
- 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.