

COGNITION LAB

MAY 29-JULY 6: M-TH 12:15-2:05

PSYCHOLOGY BUILDING ROOM 105, BUSCH CAMPUS

INSTRUCTOR: JULIE PHELAN

EMAIL: PHELAN.COGLAB@GMAIL.COM

OFFICE: TILLET HALL 523

WEBSITE: WWW.JEPHELAN.COM/COGLAB

OFFICE HOURS: AFTER CLASS OR BY APPOINTMENT

Course Description:

The objective of this course is to provide hands-on experience and training in some of the methodologies, experimental designs, and analytical methods that are common in research in cognitive psychology. Most of the course will be devoted to running in-class experiments, analyzing the data, and interpreting the results.

Handouts:

There will be handouts for each lab distributed in class. Online versions of the handouts can be found at the general course website (<http://rucss.rutgers.edu/~jacob/Psych306/lab.htm>) or on my course website. There is a lab manual on this website that contains most of the information you will need to complete this course. We might not follow the order of labs as listed, and may sometimes substitute the lab listed with an alternate lab. I will tell you every week what you need to prepare for the following week.

Assignments:

For each in-class experiment you will be asked to write a section of a lab report in APA format. For the final lab, you will be asked to write a whole lab report that should include all sections: abstract, introduction, method, results, and discussion.

Submitting:

I prefer assignments be turned in as attachments sent to my email address: Phelan.CogLab@gmail.com. I will also accept printed copies turned in at the beginning of class.

Grading:

Your final grade will be based on three things:

- Participation: 20%
 - This involves paying attention to what I'm saying or what we're doing as a class. Not disrupting class by coming late, web surfing, instant/text messaging, etc. Please keep your cell on silent. Take your headphones off. Look at me instead of your monitor when we are going over the background for the experiment.
- Writing assignments / partial lab reports: 50%
- Final lab report: 30%

Late policy:

Late assignments will be penalized 10% per day late, no exceptions.

Attendance Policy:

Always come to class, and come on time. Absence will result in a grade of 0 for that experiment.

Academic Integrity:

All work that you turn in must be your own work. Do not collaborate without prior approval. Any outside sources (including help from other people) must be referenced in all written work. Turning in someone else's work as your own is completely unacceptable, you will fail the course. More severe consequences (e.g., expulsion) are also possible. Contact me if you have any questions about what constitutes plagiarism.

Class Schedule:

Below is a general outline of the lab course, but keep in mind that this schedule is subject to change.

Date	Topic	Assignment (due date)
May 29	Introductions & Overview	
May 30	APA Style / Lab 1: Categorization and Typicality	
May 31	Categorization and Typicality continued	Introduction (due 6/6)
June 5	Lab 2: Mental Rotation	
June 6	Mental Rotation continued	Methods & Results (due 6/13)
June 12	Lab 3: Probabilistic Reasoning	
June 13	Probabilistic Reasoning continued	Discussion (due 6/20)
June 19	Lab 4: Category Learning	
June 20	Category Learning	Abstract (due 6/27)
June 21	Lab 5: Decision Making	In-class Assignment
June 27	Lab 6: Working Memory	Intro & Methods draft (due 7/02)
June 28	Working Memory continued	
July 3	Working Memory review / questions	Full Lab report (due 7/06)