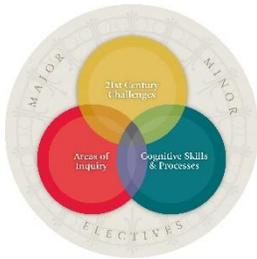


# Cognition Lab

---

01:830:306:H6 Summer 2014  
Busch Psychology Building, Rm 105  
Tuesday & Thursday 6:00 PM - 10:00 PM

Instructor: Dominic Freschi  
Email: [dominic.freschi@gmail.com](mailto:dominic.freschi@gmail.com)  
Office Hours by Appointment Only



---

*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 revisions (WCR);
- b) Communicate effectively in modes appropriate to a discipline or area of inquiry (WCD);
- c) Evaluate and critically assess sources and use of conventions of attribution and citation correctly;
- d) Analyze and synthesize information and ideas from multiple sources to generate new insights.

General Goals for the Course:

1. Learn and experience research experiments in the field of Cognitive Psychology
2. Learn and understand the principles of research design and research methodology
3. Utilize data entry programs and learn statistical analyses
4. Learn and implement the standard research report writing style for Psychology (APA)

The laboratory class is meant to serve as a companion to the lecture class PSYCH-306. The conceptual and theoretical basis for the exercises and demonstrations are developed in lecture. For this reason, concurrent or past registration in PSYCH-306 is required.

### Class Website

- The class has a Sakai website, where the latest course information is posted. The PowerPoints for the classes will also be posted there, and will be accessible after the labs.
- The class website also has this syllabus and the lab assignments (PDF)
- Grades will be posted in the gradebook on Sakai.

### Attendance Policy:

Attendance is MANDATORY due to the hands-on experience gained from running the experiments. Attendance will be taken at the start of each class. If you miss a class, you must return appropriate documents (i.e. an official excused absence note from the Dean's office to authenticate an absence) to be. There are NO make-ups outside of scheduled assignments (See Below).

### Rules:

Students must arrive on time to every class period, any tardiness will result in a deduction from possible attendance points for that day. Mobile phones must be OFF and OUT OF SIGHT. The computers may not be used for browsing the internet; as the instructor walks around, if you are found on another website you will lose your attendance points for the day.

### Grading:

There are a total of 260-points possible in the Lab. Your grade will consist of 1 Presentation, 4 written assignments, Attendance, and 1 Final Paper.

### Grading Scale:

Letter Grade	Score
A	234+
B+	224+
B	216+
B-	208+
C+	198+
C	190+
C-	182+
D	156-181
F	155 and below

### Bad Research Presentations

There is one “Bad Research” Presentation due the second class that will be described in class.

### Written Assignments

There are 5 weekly assignments that will be due at 10 PM the Friday following Thursday classes. These assignments will be graded by the following period. However, revisions will be offered for each assignment, due the Thursday meeting after they have been returned. Revisions submitted do not guarantee an increased grade.

### Final Paper

The final paper is the writing of a full laboratory report based on an experiment run in the class. Details to follow.

### Attendance

At the beginning of every class, attendance will be taken and counted as a 5 point entry. Missing a class, will not matter what, result in the loss of that class periods 5 points.

### Extra Credit Quizzes

Every Tuesday, we will have an Extra Credit quiz covering all the material from the previous week. These quizzes will consist of 3 questions (multiple choice) for a total of 3 possible points. These quizzes are solely to help and therefore will NOT HARM your grade should you do poorly.

### Assignment Breakdown:

Assignment (w/ Topic)	Point Value	Due Date
Bad Research Presentation	5 points	July 10 <sup>th</sup>
<b>Assignment 1:</b> <i>Title Page, Introduction, &amp; Methods Sections</i>	20 Points	July 11 <sup>th</sup>
<b>Assignment 2:</b> <i>Results &amp; Discussion Sections</i>	20 Points	July 18 <sup>th</sup>
<b>Assignment 3:</b> <i>Abstract</i>	10 Points	July 25 <sup>th</sup>

Assignment 4: <i>Complete Paper</i>	50 Points	August 1 <sup>st</sup>
Final Paper	100 Points	August 12 <sup>th</sup>
Attendance	55 Points	In Class
Extra Credit Quizzes	15 Points Possible (Cannot hurt you)	In Class

Schedule:

Date	Topic	Lab # and Topic
July 8 <sup>th</sup>	Introduction to Course & Cognitive Psychology	<b>Lab 1:</b> Mental Imagery <i>Data Collection</i>
July 10 <sup>th</sup>	Title Page, Introduction, and Methods Sections	<b>Lab 1:</b> Mental Imagery Cont'd <i>Statistical Analysis Techniques</i>
July 15 <sup>th</sup>	Results & Discussion Sections	<b>Lab 2:</b> Categorization and Typicality <i>Data Collection</i>
July 17 <sup>th</sup>		<b>Lab 2:</b> Categorization and Typicality Cont'd <i>Statistical Analysis Techniques</i>
July 22 <sup>nd</sup>	Writing a Successful Abstract	<b>Lab 3:</b> Category Learning <i>Data Collection</i>
July 24 <sup>th</sup>		<b>Lab 3:</b> Category Learning Cont'd <i>Statistical Analysis Techniques</i>
July 29 <sup>th</sup>	Writing a Complete Lab Report	<b>Lab 4:</b> Decision Making <i>Data Collection</i>
July 31 <sup>st</sup>		<b>Lab 4:</b> Decision Making Cont'd <i>Statistical Analysis Techniques</i>
August 5 <sup>th</sup>	Editing a Lab Report	<b>Lab 5:</b> Working Memory <i>Data Collection</i>
August 7 <sup>th</sup>		<b>Lab 5:</b> Working Memory Cont'd <i>Statistical Analysis Techniques</i>
August 12 <sup>th</sup>	Final Lab Report Writing	

\*All events in schedule are subject to change\*

## Academic Dishonesty:

In science, there is absolutely no room for fraud or untruth. Our job as scientists is to search out facts, not just for ourselves but for society as a whole.

Consequently, you should be very clear that, just as I expect you to learn about the topic matter, I also expect you to learn about scientific honesty. In the work you present to me, falsifying, plagiarism, or copying without attribution will not be tolerated. Intentional ethical violations will result in failure for the material in questions. Please check the school guidelines for further clarification of violations.

If you decide to stay enrolled in this class after receiving this syllabus, I will assume you have read the entire syllabus and have agreed to all the policies outlined. This syllabus is my contract with you for the duration of the course.