

Lab Syllabus:
PSYC 2990 Research Analysis in Psychology
Spring 2008

Tuesday 9:30-10:45am
Psychology Room 102

Lab Instructor: Laura Buffardi

Office: Room 438 – Psychology Building

Office hours: I am happy to meet with you by appointment. Please email to set up a time.

Email: buffardi@uga.edu (please use this direct address instead of the WebCT email system)

Lab Objectives:

The primary objective of this lab section is to help you practice mathematical procedures and clarify concepts learned in lecture. Another main objective of lab is to introduce you to the statistical software (specifically SPSS) used for psychological research. Lab assignments are designed to complement lectures by providing a forum for discussion of practical issues related to the topics discussed in class. It is hoped by the end of this lab you will be able to analyze data using appropriate statistical techniques and interpret SPSS results.

Grading:

The laboratory section is worth 200 points and will reflect 20% of your final course grade. The laboratory grade will be determined based on various in-class lab assignments, homework assignments, and a final SPSS assessment.

Assignments:

In-Class Lab Assignments (50 Points):

Regular lab assignments will be completed in class and turned in at the end of lab period. These assignments may include quizzes, group work, and individual work related to the application of SPSS and APA results. Ample time will be given during lab to complete these assignments, and students will not be allowed to stay late or take assignments home to complete, unless stated otherwise by the TA.

Homework Assignments (100 Points)

Out-of-class homework assignments will be given to help prepare you for exams. Homework problems will generally reflect problems that are likely to appear on your tests. Feel free to work with your classmates on these assignments.

SPSS Assessment (50 Points):

At the end of the semester, once you have learned how to apply the different statistical techniques that will be covered in this class, your knowledge will be tested. Research scenarios will be given and you will be required to indicate relevant information about the variables involved that would be used for data analysis as well as the most appropriate statistical test.

All take-home assignments are to be turned in by hand **at the beginning of lab on the day that they are due**. I will not accept assignments that are turned in by email. Assignments that are turned in after the start of class will be subject to credit deductions. Missing lab does not excuse

you from your responsibility to turn in an assignment on time. If you are going to be absent, make arrangements to turn in your assignment **before** it is due.

Lab points will be distributed as follows:

Lab Assignments (5 x 10 points)	50 points
Homework Assignments (5 x 20 points)	100 points
SPSS Assessment	50 points

Total points possible from lab **200 points**

I am happy to answer any questions you might have regarding your assignments, but please give me 24 hrs to respond to emails

WebCT:

There will be a WebCT course set up for this lab section. This will be my way to contact the class as a whole and I will post some lab notes, some assignments, and important announcements. It is your responsibility to check WebCT regularly. The lab WebCT will also be the primary venue for assignment and exam grade postings.

Attendance:

ATTENDANCE IN THE LAB IS MANDATORY. Excused absences include personal illness (accompanied by a written doctor's note, not just a slip from the Health Center), loss of a family member, and limited prior arrangements (e.g. scientific conferences) that must be discussed with me more than a week in advance. In such cases, you must schedule an appointment with me prior to the next lab so that arrangements can be made for you to complete any missed assignments. Each absence that does not meet the aforementioned requirements will be deemed "unexcused". If you miss lab for an "unexcused" reason, you **will not** be able to make up in-class assignments. Further, students who are late to lab or leave lab early may be considered absent (unexcused). I reserve the right to determine the status of an absence on an individual basis.

Academic Honesty:

Any form of academic dishonesty, be it plagiarism or cheating, will not be tolerated. It is your responsibility to be familiar with and abide by the Academic Honesty guidelines outlined in the UGA Handbook (www.uga.edu/ovpi/academic_honesty/academic_honesty.htm).

Disabilities:

If any student has a disability that requires attention, please contact me as soon as possible so that I can accommodate you.

***** I reserve the right to modify the contents of this document as necessary*****

**PSYC 2990
TENTATIVE LAB SCHEDULE**

**The following represents a tentative sequence of content coverage. Actual rate of coverage and due dates will be dependent on our progress each class. **

Date	Topic	Assignments
1/8	Introductions	
1/15	PSYC 2980 and Statistics Review (Ch. 1-3)	
1/22	Intro to SPSS and Descriptives	In-Class #1
1/29	Correlation, Regression and Exam 1 Review	Homework #1 Due
2/5	SPSS Correlation and Regression	In-Class #2
2/12	Probability and Sampling	
2/19	Binomial Distribution and Sign Test	Homework #2 Due
2/26	Power and Exam 2 Review	In-Class #3
3/4	Z-test and Single sample <i>t</i>-test	
3/11	<i>Spring Break - No class!</i>	
3/18	<i>t</i>-tests and Exam 3 Review	Homework # 3 Due
3/25	SPSS Independent and Dependent <i>t</i>-tests	In-Class #4
4/1	One-way ANOVA	
4/8	Planned/Post hoc comparisons and Exam 4 Review	Homework #4 Due In-Class #5
4/15	Factorial ANOVA	Homework # 5 Due
4/22	Final Exam Review	*SPSS Assessment Due*



Frustrated or Confused???

Come See Me! I'm here to help, so feel free to stop by during my office hours or make an appointment!