

**Psychology 300 - Analysis and Interpretation of Psychological Data Lab
Fall 2011**

Section 207: Thursday 8:30-10:20 a.m., Innovation Hall 330
Section 208: Thursday 10:30-12:20 p.m., Innovation Hall 205

Instructor:	Melissa Smith
E-mail	msmith32@gmu.edu (preferred method of contact)
Office	David King 1020K (knock loudly on outer door)
Mailbox	David King mailboxes
Office hours	Wednesday 1:30-2:30pm

Objectives:

The statistics lab is designed to give students an opportunity to apply material studied during the Psych 300 lecture section and to prepare for lecture exams. The lab provides students with a forum for asking questions, reviewing concepts, practicing statistical calculations, and learning to use SPSS statistical software for data analysis.

Exams:

Exams for the lecture part of class will be given during lab sessions.

Grades:

Your total lab grade will be worth 25% of your total PSYC 300 grade. The lab assignments will consist of homework assignments, in-class assignments completed during lab time, and quizzes conducted during lab time. There are total of 150 points possible in the lab portion; 135 points will be counted toward your lab grade.

In-Class Assignments: In-class Assignments will be completed during class on the topics of the previous week's lecture.

- SPSS: SPSS will be taught and reviewed during the In-Class Assignments.

Quizzes: Quizzes will be given at the end of each lab session on the topics covered in that day's In-Class Assignment. Each quiz will be worth 10 points.

Homework assignments: Homework problems will be assigned every week to be ***turned in by the beginning of class the following week***. Each homework assignment will be worth 5 points.

Since the lab requires you to complete various assignments every week, it is important that you do not miss any labs. However, your lowest homework grade and lowest quiz grade will be dropped, allowing you to miss one lab without harming your grade. **No late assignments will be accepted. No make-ups will be given, no exceptions.**

**Syllabus is subject to change.*

***Please remember to bring your calculator to lab.**

Week of	Topic	Assignments	Due That Day
8/29	Syllabus/Lab Overview	Homework #1	
9/5	Statistics and the Research Process	In-Class Assignment #1, Quiz #1, Homework #2	HW #1
9/12	Frequency Distributions and Percentiles	In-Class Assignment #2, Quiz #2, Homework #3	HW #2
9/19	Measures of Central Tendency / Measures of Variability	In-Class Assignment #3, Quiz #3, Homework #4	HW #3
9/26		EXAM 1 (ch. 1 – 4)	
10/3	z-Score Transformations and the Normal Curve Model; Percentiles	In-Class Assignment #4, Quiz #4, Homework #5	HW #4
10/10	Correlations, Linear Regression, and Predicting Variability	In-Class Assignment #5, Quiz #5, Homework #6	HW #5
10/17		EXAM 2 (ch. 5, 6, 16, 17)	
10/24	Sampling Methods, Sampling Distributions, Sampling Error, Probability	In-Class Assignment #6, Quiz #6, Homework #7	HW #6
10/31	Methods of Sampling, Sampling Distributions, Sampling Error; Probability & its Application to Hypothesis Testing	In-Class Assignment #7, Quiz #7, Homework #8	HW #7
11/7		EXAM 3 (ch. 6 – 9)	
11/14	z-Test and t-Test	In-Class Assignment #8, Quiz #8, Homework #9	HW #8
11/21	NO LAB – THANKSGIVING BREAK!		
11/28	One-way ANOVA	In-Class Assignment #9, Quiz #9, Homework #10	HW #9
12/5	Two-way ANOVA	In-Class Assignment #10, Quiz #10	HW #10
12/19		FINAL EXAM - 10:30am – 1:15pm (ch. 10 – 20)	

Honor Code: All provisions of the GMU Honor Code will be followed in this class, and these are detailed in the university catalog.

Disability Help: If you are a student with a disability and you need academic accommodations, please see me and contact the Disability Resource Center (DRC) at 703-993-2474. All academic accommodations must be arranged through that office.

Add/Drop Deadline for courses:

Last day to add (Full-Semester Course) – Sept. 6, 2011

Last day to drop (Full-Semester Course) – Sept. 30, 2011

Selective withdrawal period (Full-Semester Course) – Oct. 3-Oct. 28, 2011

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