

# Statistical Methods in Psychology

Psychology 302

Fall, 1991

**Text:** Gravetter & Wallnau, *Statistics for the Behavioral Sciences* (2nd Ed).

## Tentative Schedule:

Week	Readings (Chap.)	Exams
Sept. 23-25-27	1,2	
Sept. 30-Oct. 2-4	3,4	
Oct. 7-9-11	5,6	
Oct. 14-16-18	7,8	
Oct. 21-23-25	9	Exam #1 Wed. 23 (Ch. 1-8)
Oct. 28-30-Nov. 1	10	
Nov. 4-6-8	11, 12	
Nov. 11-13-15	13	
Nov. 18-20-22	15	Exam #2 Wed. 20 (Ch 1-13)
Nov. 25-27	16	(no class Friday)
Dec. 2-4-6	17	
Dec. 13	Final Exam Friday, Dec. 13, 10:15 (Ch 1-13 & 15-17)	

**Exams:** Exams #1 and #2 will be 50-min. closed-book exams. The final will be a 2-hour open-book exam. Calculators may be used on exams, but you cannot have a fancy statistical calculator do all the work for you. To receive credit for a non-trivial problem, you must show each step of your calculations on the exam. Exams are cumulative, but emphasize recent material.

**Homework:** There will be weekly homework assignments. These will be recorded for completeness, but will not be graded. You are responsible for grading your own homework and identifying your own errors during lab sessions. To receive credit for a homework assignment, you must hand it in during the lab. Problems to be worked for homework, along with other supplementary material, can be found in a separate handout.

**Laboratories:** During lab sessions, the TA will answer questions concerning the text and lectures, discuss homework problems, collect homework, and help you review for exams.

**Grading:** Final grades will be based 25% on each midterm exam and 50% on the final exam. Recorded homework will be taken into account in borderline cases. (For example a student with a high C+ average on exams who completed and turned in all homework would receive a B-.) University regulations regarding incompletes will be strictly followed.

<b>Lecturer:</b>	Douglas Hintzman	<b>Office</b>	307 Straub	<b>Phone</b>	64906	<b>Hours</b>	Tuesday 9:30-11 Wednesday 2-4
<b>TA:</b>	Diane Spangler		393 Straub		64964 x44		

Psychology 302  
Hintzman

In this class, I try to teach students the basic statistical methods used by psychologists, including t tests, correlation, one and two-way ANOVA, and chi square. I try to emphasize understanding of the concepts, not just application of formulas. I feel that an introductory stat class for psychologists should get at least as far as the concept of an interaction.