

**Statistics in Psychological Research
PSY U320**

Professor Stephen G. Harkins

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Textbook: Witte, R., & Witte, J. (2007). *Statistics* (8th edition). J. Wiley & Sons.

Course Grade:

The final course grade will be based on the following:

Homework—based on 5 of 6 grades	30%
Quizzes—based on 5 quizzes	50%
Cumulative Final Exam	20%

Course Policies

Homework is due at the **beginning** of the class session. No late homework will be accepted. Be sure to make a copy for your use when we go over the homework.

No make-up quizzes will be given. A missed quiz will be given a score of zero. In an emergency with a valid excuse, special arrangement will be made to accommodate the missing quiz grade. Valid excuses include illness with a doctor's note or a documented family emergency.

A make-up final will only be given in an emergency, with a valid excuse. Valid excuses include illness with a doctor's note or a documented family emergency.

Schedule

Class Meetings		Chapters
Sept. 7, 8, 12, 14	Introduction, Frequency Distributions, Averages, Variability	1, 2, 3, 4
Sept. 15	Homework 1. Review	
Sept. 19	Quiz 1	
Sept. 21, 22, 26, 28	Normal Distribution, z scores	5
Sept. 29	Homework 2. Review	
Oct. 3	Quiz 2	
Oct. 5, 6, 10, 12	Correlation, Regression	6, 7
Oct. 13	Homework 3. Review	
Oct. 17	Quiz 3	
Oct. 19, 20, 24, 26	Populations and Samples, Probability, Sampling Distribution, z test	8, 9, 10
Oct. 27	Homework 4. Review	
Oct. 31	Quiz 4	
Nov. 2, 3, 7, 9, 10	t test for one sample, t test for Two Independent Samples, t test for Two Related Samples	13,14,15
Nov. 14	Homework 5. Review	
Nov. 16	Quiz 5	
Nov. 17, 21, 28, 30 Dec. 1	One-Way ANOVA, Tukey HSD, Chi-Square	16,19
Dec. 5 Dec. 8, 11-15	Homework 6. Review Finals	