

Syllabus

PsyU320 Statistics in Psychological Research,

Fall 2005

Text:	Witte, R.S. and Witte, J.S. (2004). <u>Statistics</u> , Seventh edition, Wiley and Sons, ISBN 0-471-43017-X		
Instructor:	Daniel Quinn 253 NI 617-373-3017 e-mail: quinn@neu.edu Psych Dept. mailbox in 125 NI		
Teaching Assistant:	Piercarlo Valdesolo e-mail: pvaldesolo@hotmail.com Office: 231 NI, 617-373-8541		
Class:	Sequence 2, Monday, Wednesday, Thursday 9:15 – 10:20 in room 315 Behrakis Hall		
Course web site:	http://blackboard.neu.edu <u>PSYU320 Quinn Psych Statistics #22337 fall 2005</u>		
Conference hours:	Quinn, Valdesolo, by appointment		
Grading:	Six quizzes (10% each)	60%	
	Comprehensive final	30%	
	Homework and participation	10%	

Class organization:

There will be six quizzes given (hopefully) during the weeks indicated. I'll let you know the exact day during the preceding week. Quizzes may not be made up after they are handed back. If complications arise it is the student's responsibility to make new arrangements in a timely manner. There will be six homework assignments, each due the class before its respective quiz.

It is the responsibility of each individual student to achieve the highest standards of academic integrity. Refer to your NU Student Handbook. Lapses will result in appropriate course penalties and automatic referral to the Student Judiciary.

Questions and comments are welcome anytime. Have fun.

<u>Week</u>	<u>Dates</u>	<u>Topics</u>	<u>Textbook</u>	<u>Quizzes</u>
1	Sept X, 7, 8	Course Introduction, variability, frequency distributions	Ch. 1 Ch. 2	
2	Sept 12, 14, 15	Distributions cont., graphs	Ch. 3	Quiz 1
3	Sept 19, 21, 22	Central Tendency, variability, z-scores	Chs. 4, 5 Ch. 6	
4	Sept 26, 28, 29	z-scores cont., normal distribution	Ch. 7	Quiz 2
5	Oct 3, 5, 6	Correlation	Ch 9	
6	Oct X, 12, 13	Regression	Chs. 10	Quiz 3
7	Oct 17, 19, 20	Sampling, Probability, Hypothesis Testing	Ch. 12, 13	
8	Oct 24, 26, 27	Sampling distributions, Z-test	Ch. 14, 19	Quiz 4
9	Oct 31, Nov 2, 3	t-test, one sample t-test, independent samples	Ch. 19 Ch. 20	
10	Nov 7, 9, 10	t-test, correlated samples	Ch. 21	Quiz 5
11	Nov 14, 16, 17	Oneway ANOVA	Ch. 23	
12	Nov 21, 23, X	ANOVA cont. Tukey test,	Ch. 24	
13	Nov 28, 30, Dec 1	Chi-square	Ch. 27	Quiz 6
14	Dec 5, 7, X	Review, Reading day		
15	Dec 9-16	Final Exams		