

Syllabus

PsyU320 Statistics in Psychological Research,

Spring Semester 2006

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:	Lisa Williams 241 NI 617-373-3079 e-mail: williams.l@neu.edu Psych Dept mailbox in 125 NI		
Class:	Sequence 2, Monday, Wednesday, Thursday 9:15 – 10:20 in room 5 SL (Snell Library)		
Course web site:	http://blackboard.neu.edu <u>PSYU320 STATPSYRES 65053 spring 2006</u>		
Conference hours:	Quinn, Williams, 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	Jan 9, 11, 12	Course Introduction, variability, frequency distributions	Ch. 1 Ch. 2	
2	Jan X, 18, 19	Distributions cont., graphs	Ch. 3	Quiz 1
3	Jan 23, 25, 26	Central Tendency, variability, z-scores	Chs. 4, 5 Ch. 6	
4	Jan 30, Feb 1, 2	z-scores cont., normal distribution	Ch. 7	Quiz 2
5	Feb 6, 8, 9	Correlation	Ch 9	
6	Feb 13, 15, 16	Regression	Chs. 10	Quiz 3
7	Feb X, 22, 23	Sampling, Probability, Hypothesis Testing	Ch. 12, 13	
8	Feb 27, Mar 1, 2	Sampling distributions, Z-test	Ch. 14, 19	Quiz 4
	Mar 6, 8, 9	Spring Break		
9	Mar 13, 15, 16	t-test, one sample t-test, independent samples	Ch. 19 Ch. 20	
10	Mar 20, 22, 23	t-test, correlated samples	Ch. 21	Quiz 5
11	Mar 27, 29, 30	Oneway ANOVA	Ch. 23	
12	Apr 3, 5, 6	ANOVA cont. Tukey test,	Ch. 24	Quiz 6
13	Apr 10, 12, 13	Chi-square	Ch. 27	
14	Apr X, 19, 20	Review, Reading day		
15	Apr 21-28	Final Exams		