

Syllabus**PsyU320 Statistics in Psychological Research****Spring Semester 2008****Text:** Witte, R.S. and Witte, J.S. (2007). Statistics, Eighth edition, Wiley and Sons, ISBN 0-471-72229-4**Instructor:** Daniel Quinn 253 NI 617-373-3017 e-mail: quinn@neu.edu mailbox in 125NI**Teaching Assistants:** Rebecca Grayhem 243 LA 617-373-3095 e-mail: grayhem.r@neu.edu mailbox in 125 NI**Class:** Sequence 2, Monday, Wednesday, Thursday 9:15 – 10:20 in room 37 SL Snell Library**Course web site:** Blackboard.neu.edu  [PSYU320 STATPSYRES 14221 SEC01 Spring 2008](http://blackboard.neu.edu/PSYU320_STATPSYRES_14221_SEC01_Spring_2008) (this should be on your login page)**Conference hours:** Quinn: 9:30 – 10:30 Tuesdays in 253 NI, or by appointment
Grayhem by appointment**Grading:** Six quizzes (10% each) 60% Comprehensive final 30% Homework and participation 10%**Class organization:**

There will be six quizzes given (hopefully) on Thursdays in 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 at the beginning of the class before its respective quiz. Homework will not be accepted late.

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.

<u>Week</u>	<u>Dates</u>	<u>Topics</u>	<u>Textbook</u>	<u>Quizzes</u>
1	Jan 7, 9, 10	Course Introduction, variability, frequency distributions, graphs	Ch. 1	
2	Jan 14, 16, 17	Distributions, graphs continued	Ch. 2	Quiz 1
3	Jan X, 23, 24	Central Tendency, variability, z-scores	Chs. 3, 4	
4	Jan 28, 30, 31	z-scores cont., normal distribution	Ch. 5	Quiz 2
5	Feb 4, 6, 7	Correlation	Ch 6	
6	Feb 11, 13, 14	Regression	Ch 7	Quiz 3
7	Feb X, 20, 21	Sampling, Probability, Hypothesis Testing	Ch. 8, 9	
8	Feb 25, 27, 28	Sampling distributions, Z-test	Ch. 9	Quiz 4
	Mar 3, 5, 6	Spring Break		
9	Mar 10, 12, 13	t-test, one sample t-test, independent samples	Ch 13 Ch. 14	
10	Mar 17, 19, 20	t-test, correlated samples	Ch. 15	Quiz 5
11	Mar 24, 26, 27	Oneway ANOVA	Ch. 16	
12	Mar 31, Apr 2, 3	ANOVA cont. multiple comparisons	Ch. 16 cont.	Quiz 6
13	Apr 7, 9, 10	Chi-square	Ch. 19	
14	Apr 14, 16, X	Review, Reading day		
15	Apr 17 - 25	Finals week. Our final is scheduled for _____		