

**Syllabus****PsyU320 Statistics in Psychological Research****Fall Semester 2007****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 -- Everyone has a

-- mailbox for papers

**Teaching Assistants:** Lauren Hovey 435 NI 617-373-3077 e-mail: [hovey.l@neu.edu](mailto:hovey.l@neu.edu) -- in 125 NISusan Rasakham 113 LA 617-373-7983 e-mail: [rasakham.k@neu.edu](mailto:rasakham.k@neu.edu)**Class:** Sequence 2, Monday, Wednesday, Thursday 9:15 – 10:20 in room 309 Kariotis Hall**Course web site:** Blackboard.neu.edu [PSYU320 STATPSYRES 67656 Fall 2007](#) (this should already be on your login page)**Conference hours:** Quinn: 9:30 – 10:30 Tuesdays in 253 NI, or by appointment

Hovey, Rasakham: 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	Sep X, 5, 6	Course Introduction, variability, frequency distributions, graphs	Ch. 1	
2	Sep 10, 12, 13	Distributions, graphs continued	Ch. 2	Quiz 1
3	Sep 17, 19, 20	Central Tendency, variability, z-scores	Chs. 3, 4	
4	Sep 24, 26, 27	z-scores cont., normal distribution	Ch. 5	Quiz 2
5	Oct 1, 3, 4	Correlation	Ch 6	
6	Oct X, 10, 11	Regression	Ch 7	Quiz 3
7	Oct 15, 17, 18	Sampling, Probability, Hypothesis Testing	Ch. 8, 9	
8	Oct 22, 24, 25	Sampling distributions, Z-test	Ch. 9	Quiz 4
9	Oct 29, 31, Nov 1	t-test, one sample t-test, independent samples	Ch 13 Ch. 14	
10	Nov 5, 7, 8	t-test, correlated samples	Ch. 15	Quiz 5
11	Nov X, 14, 15	Oneway ANOVA	Ch. 16	
12	Nov 19, 21, X	ANOVA cont. multiple comparisons	Ch. 16 cont.	Quiz 6
13	Nov 26, 28, 29	Chi-square	Ch. 19	
14	Dec 3, 5, X	Review, Reading day		
15	Dec 7 - 14	Finals week.		