

Office:            241 Lake (Enter the corridor that is opposite Room 219 of Nightingale Hall).

Tel.:              617-373-3863

Office Hours: Thursday 1:30-2:30 and by appointment.

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Teaching Assistants:

Mr. Scott Gabree  
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Office: 201 Lake  
Office Hours: Tuesday 10:00-11:00  
and by appointment

Mr. Jeremy Jamieson  
617-373-8541 jamieson.j@neu.edu

Office: 231 Nightingale  
Office Hours: Wednesday 12:00-1:00 and  
by appointment

Textbook: Witte, R. S., & Witte, J.S. (2007) Statistics (8th edition). Hoboken, NJ: Wiley.

**Syllabus**

Dates are subject to change. Specified chapters are from Witte and Witte.

<u>Date</u>	<u>Topic</u>	<u>Text Chapter</u>
Sept 6	Introduction to Statistics	1, Appendix A
7	Tables and Graphs	2
11	Central Tendency or Averages	3
13-14	Variability	4
18	<b>Homework 1</b>	
20	<b>Quiz 1</b>	
21-25	Normal Distribution	5
27-28	Correlation	6
Oct 2-4	Regression	7
5	<b>Homework 2</b>	
9	Columbus Day -- NU closed	
11	<b>Quiz 2</b>	
12-16	Population & Sample; Probability	8
17	Last day to drop with a "W"	
18	Sampling Distribution of the Mean	9
19	Intro to Hypothesis tests; z-test	10,11
23-25	Point and Interval Estimation	12
26-30	Student's t tests: 3 types	13,14,15
Nov 1	t tests (cont.)	
2	<b>Homework 3</b>	
6	<b>Quiz 3</b>	
8-13	Analysis of Variance (one-way)	16
15-16	Analysis of Variance (two-way)	18
20	Chi-squared Test (Goodness of Fit)	19.1-19.5
22	Review (no new material)	
23	Thanksgiving Holiday -- NU Closed	
27	Chi-squared Test (Test of Association)	19.6-19.13
29	<b>Homework 4</b>	
30	<b>Quiz 4</b>	
Dec 4-6	Review	
7	Reading Day - no class	
8	Final Exam Period Begins	

<u>Examinations</u>	<u>Percent of final grade</u>
• Four quizzes	65%
• 3 best out of 4 homework assignments	15%
• Final exam	20%

The quizzes are not "cumulative". The final exam is.

Class Policies:

(1) NO MAKEUP EXAMS OR ASSIGNMENTS WILL BE GIVEN. In emergency cases, with a valid excuse, fewer than four quiz scores will be used to determine your grade. **Valid excuses include sickness with a doctor's excuse, documented family emergencies, etc.**

(2) A missed homework assignment will be the one to be dropped.

(3) Late homework assignments will not be accepted, except in emergency cases with a valid excuse (defined above). **Homework is taken up in class at the**

**beginning of class**; once lecture has started, the homework is late. Homework delivered elsewhere (e.g., the psychology office) after class has started is late.

(4) A missed final exam will be given a grade of zero. In emergency cases, with a valid excuse (defined above), the quiz grades will count for the missed final exam.

(5) Some material on tests and quizzes will be covered in lecture but is not in the reading; some may be in the reading but not in lecture (usually I will specifically point this material out).

(6) An "Incomplete" will be given only for valid reasons: family emergencies, serious illness, etc. In general, I will not give "Incompletes".

(7) Cheating on tests and quizzes will not be tolerated. The MINIMUM punishment would be failure in the course. Homework assignments may be done cooperatively.

(8) Please arrive for class on time; late entrants to the classroom can be very disruptive.

(9) Please do not talk during lectures. If you have a question, ask me; if you want to chat, do not come to class to do it.

Notes:

Please come see me, Mr. Gabree, and Mr. Jamieson, during our office hours, even if you do not have specific questions to discuss. This is your chance to clear up any confusions and let us know more about you and your interests. Do not waste your opportunities: come talk to us.

Statistics is a practical subject, and it requires practice. Make a habit of working more problems than you are required to do, even if you don't fully understand what you are doing at first -- the practice will help you to gain understanding.