

<p align="center">Statistics 111-601 Introductory Statistics for the Social Sciences Fall 2012</p>

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Hours: Wednesdays 5:00-6:30PM

Textbook: McClave, J.T., and Sincich, T., *A First Course in Statistics*, 11th edition, Prentice Hall, 2011.

Computer package: JMP - available in Wharton's computer lab.

Course pack: *Statistics 111 Course Pack*, Wharton Reprographics/Study.net

Evaluation: Midterm (100 points), Final (160 points), Data Collection and Analysis Project (40 points).

<u>Date</u>	<u>Topics</u>	<u>Readings</u>
9/5	Basic Concepts	Chapter 1
9/12	Graphical Description of Data	Chapter 2, Sections 2.1-2.2 and 2.8
9/19	Numerical Description of Data	Chapter 2, Sections 2.3-2.6 and 2.10
9/26	Putting It All Together I	Handouts
10/3	Basic Probability	Chapter 3, Sections 3.1 to 3.6
10/10	Random Variables and Probability Distributions Sample Statistics and Sampling Distributions	Chapter 4, Sections 4.1 to 4.8 Chapter 4, Sections 4.9 and 4.10
10/17	Putting It All Together II	Handouts
10/24	MIDTERM	
10/31	Estimation	Chapter 5, Sections 5.1 to 5.5
11/7	Hypothesis Testing	Chapter 6, Sections 6.1 to 6.6
11/14	Hypothesis Testing	Chapter 6, Sections 6.1 to 6.6
11/21	Hypothesis Testing: Comparing Two Means	Chapter 7, Sections 7.1-7.3., 7.6-7.7
11/28	Relations in categorical data Testing relations	Handouts
12/5	Putting It All Together III	Handouts
12/12	FINAL EXAM	