

V53.0800: Quantitative Methods in Political Science

Monday & Wednesday 12:30-1:45 – Silver 507

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Lab: Monday or Wednesday 4:55-5:45
25 West 4th Street, Room C-6

Grading: Students will be graded on the basis of homework assignments, a midterm and a final in-class exam. Assignments, midterm and final will be weighed equally, each making up a third of the final grade.

Texts: Neil Weiss, *Elementary Statistics* (6th Edition), Addison-Wesley 2004
Paul Allison, *Multiple Regression: A Primer*, Pine Forge Press 1999

Plus additional material handed out in class

Sep. 6	Introduction	
Sep. 11-13	Science and Statistics	Weiss, Chapter 1
Sep. 18-20	Descriptive Statistics	Weiss, Chapters 2 & 3
Sep. 25 - Oct. 4	Regression	Allison, Chapters 1, 2, 3, 4 and 6; Weiss, Chapter 4
Oct. 11	Review	
Oct. 16	Midterm	
Oct. 18-23	Basic Probability	Weiss, Chapter 5
Oct. 25	Binomial Distributions	Weiss, Chapter 5
Oct. 30 – Nov. 1	The Normal Distribution	Weiss, Chapter 6
Nov. 6-8	Sampling Distribution of Sums and Means	Weiss, Chapter 7
Nov. 13-15	Confidence Intervals	Weiss, Chapter 8
Nov. 20-22	Hypothesis Testing (one mean)	Weiss, Chapters 9 & 11
Nov. 27-29	Hypothesis Testing (two means)	Weiss, Chapters 10 & 11
Dec. 4-6	Hypothesis Testing (regression)	Weiss, Chapter 14
Dec. 11	Review	