

PUBP704– FALL 2007
STATISTICAL METHODS IN POLICY ANALYSIS
DRAFT

INSTRUCTOR: Dr. Laurie A. Schintler

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OFFICE HOURS : 1 :00 – 3:00 Thursday

PURPOSE: This course is designed to introduce the student to basic statistical and econometric analysis with an emphasis on public policy applications.

READINGS: Agresti, A. and B. Finlay (1997). *Statistical Methods for the Social Sciences*. Prentice Hall : New Jersey.

SOFTWARE: SPSS and EXCEL

GRADING:	Midterm	25%
	Final	25%
	Assignments	50%

SCHEDULE OF TOPICS

Week 1

Introduction ; Sampling and Measurement

Week 2

Descriptive Statistics

Week 3

Probability Distributions ; Statistical Inference

Week 4

Comparison of Two Groups

Week 5

Association Between Categorical Variables

Week 6

Midterm Exam

Week 7

Spring Break

Week 8

Linear Regression and Correlation

Week 9

Introduction to Multivariate Relationships ; Multiple Regression

Week 10

Multiple Regression (continued)

Week 11

Multiple Regression (continued)

Week 12

Multiple Regression (continued)

Week 13

Logistic Regression

Week 14

Final Exam