

**PUBP704– SPRING 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

<b>GRADING:</b>	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