

## SURVEY PRACTICUM II --REVISED

SURV 641

FALL 2011

Wednesdays 3:30-5:30

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### COURSE DESCRIPTION

This is the second semester of a two-semester course on how survey research is done. This semester covers post data collection activities including coding, weighting, and imputation; data analysis; and presentation of results. The course will consist of lectures, readings, and hands-on experience with the survey that was designed in SURV 640.

### ASSIGNMENTS

The main assignment is the preparation of a paper that uses the survey results to address a research question. The paper should follow the format of articles published in journals such as *Public Opinion Quarterly*.

Assignment #	Description	% of Grade	Due Date
Assignment 1	Analysis proposal; presentation of proposal to class	15%	September 21
Assignment 2	Coding assignment	5%	September 28
Assignment 3	Preliminary data analysis	10%	October 12
Assignment 4	Draft write-up	10%	November 9
Assignment 5	Presentations to class and sponsors	10%	November 30 & December 7
Assignment 6	Final paper	50%	December 14

We will use a website for the course, to provide data files for analysis, and also to post student work files and instructions for the coding assignment. A current copy of the syllabus will also be available from this website.

<http://www.jpsm.umd.edu/surv641>

## CLASS SCHEDULE AND READINGS

### August 31: Overview

### September 7: Analysis Strategy

Aneshensel, C. (2002). *Theory Based Data Analysis for the Social Sciences*. Thousand Oaks, CA: Sage Publications.

### September 14: Coding, Cleaning, and Data Preparation

Groves, R., et al. (2004). *Introduction to Survey Methodology*. New York: Wiley. Chapter 10.

Kalton, G. and Stowell, R. (1979). "A Study of Coder Variability." *Applied Statistics* v28:276-89

### September 21: Class Presentations (Assignment 1 Due)

Each student will have 10 minutes to present a hypothesis, describe the variables to be used to test it, and outline the tables and inferential statistics to be produced. Practical/data quality issues relevant to the analysis (and how they will be handled) should also be described.

### September 28: Data Analysis (Assignment 2 due via email to Becca)

Campbell, D. and Fiske, D. (1959). "Convergent and Discriminant Validation by the Multitrait-Multimethod Matrix." *Psychological Bulletin* 81-105.

Depending on your background and proposed analysis other readings that may be useful are:

Berk, R. (1983). Applications of the General Linear Model to Survey Data. In P. Rossi, J. Wright, & A. Anderson (Eds.), *Handbook of Survey Research*. San Diego: Academic.

Agresti, A. (1996). *An Introduction to Categorical Data Analysis*. New York: Wiley.

Hosmer, D. and Lemeshow, S. (2000). *Applied Logistic Regression*. New York: Wiley.

Kim, J and Mueller, C. (1978). *Introduction to Factor Analysis*. Thousand Oaks: Sage.

### October 5: Data Analysis (Continued)

### October 12 (Assignment 3 Due) Imputation

Kalton, G., & Kasprzyk, D. (1986). "The treatment of missing survey data." *Survey Methodology*, 12, 1-16.

**October 19 and 26: Weighting and Variance Estimation**

Kalton, G. and Flores-Cervantes, I. (2003). "Weighting Methods." *Journal of Official Statistics* 19: 81-97.

Butcher, R., & Elliot, D. (1986). *A Sampling Errors Manual*. London, England: Social Survey Division, Office of Population Censuses and Surveys.

**November 2: No class** Stanley and Becca will be available to meet individually with students to discuss analyses.

**November 9: Report Presentation (Assignment 4 due)**

*SIPP Quality Profile*. Third edition (1998) Suitland: Bureau of the Census.  
<http://www.census.gov/sipp/workpapr/wp230.pdf>

Davis J. and Jacobs, A. (1968). "Tabular Presentation," pp. 497-501 in *International Encyclopedia of the Social Sciences*, New York: Macmillan.

Tufte, E.R. (1983). *The Visual Display of Quantitative Information*. Cheshire, CT: Graphics Press. Chapters 1-3.

**November 16:**

Individual meetings to discuss Assignment 4

**November 23: No class**

**November 30 and December 7: Presentation of Findings by Students (Assignment 5 Due)**

Presentations should be a maximum of 20 minutes.

**December 14: Final Paper (Assignment 6) Due**