Logistics

Info:
- 1 credit course

When:
- Summer 2013
- 1 day course
- (tentatively May 24, 2013)
- Friday 9:00am-6:00pm

Where:
- Foggy Bottom

Prerequisites:
- Should be currently enrolled in EDUC 6116 or EDUC 8120, or have previously taken EDUC 6116

Instructor:
- Brandi A. Weiss, Ph.D.
- Department of Educational Leadership
- weissba@gwu.edu

COURSE DESCRIPTION

This is a 1-credit course meant to complement quantitative coursework, research, and dissertations.

The course can be taken at any point during a student’s program.

Recommended for students who will be conducting or are currently conducting quantitative research and/or dissertations.

This course will be offered in a single day. Instruction will take place in a computer lab on the Foggy Bottom campus. Students will receive instruction and gain hands-on experience by completing exercises using MS Excel and SPSS software. Students will complete a project outside of class.

The following topics will be covered:
- Basic operations (addition, subtraction, multiplying, dividing) and functions (averages, standard deviation, variance, correlation, etc.) using MS Excel.
- Graphing
- Transferring data between text files, MS Excel, and SPSS.
- SPSS Syntax
- Modifying dataset (variables labels, values, missing values)
- Coding data in SPSS
- Selecting cases and splitting data files
- Screening data for duplicate IDs, out-of-range values, missing data, outliers, normality)