GONZAGA UNIVERSITY

DPLS 778-SPSS: Statistical Package for the Social Sciences
Summer 2013 1 Credit

DPLS 777: SPSS

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Class Logistics: Friday, July 20, From: 8 a.m. to 4 p.m.
Room: TBD


Course Overview:

This course provides structured opportunities using SPSS (Statistical Packages for the Social Sciences) to analyze, interpret, and report quantitative data; data will be taken from the text, from the worldwide web, and other sources. You will have an opportunity to gain working knowledge of SPSS through hands-on.

Though there are supposed to be computers in the classroom; however, please bring your own laptop just in case.

Class Sessions:

Friday's Session: Friday, July 20. From: 8 a.m. to 4 p.m.

Overview of the course will be covered to include class requirements, deliverables, and an introduction to SPSS, applying it to basic statistical procedures.

We will apply SPSS to the following statistical topics:

**Descriptive Statistics**, such as: mean, median, mode, standard deviation, and other descriptive statistics.
**Inferential Statistics**, such as: t-tests, F-test, Chi Square, correlation coefficients, and others as time permits.

**Deliverables**: One two-part paper (descriptive and inferential) and class participation

1. This is a two-part paper.

**Part I.** Apply SPSS using a sample size of at least 45 (n = 45) to find mean, median, mode, standard deviation, and range. Document the results using tables, charts, graphs, and write a brief interpretation of what the data tell you.

**Part II.** Using the same data above, divide it into three groups of 15 (G= 15). Apply SPSS to inferential statistics to do an F-test, with hypotheses, and alpha values of .01 and .05 (α = .01) and (α = .05) respectively. If times permits, we will do Chi Square, and a correlation coefficient. Write a conclusion with inferences, observations, etc. Your written report should be between 8 and 10 double-spaced pages.

2. Class participation. Participate in all practical exercises

**NOTE**: This syllabus is very brief; an addendum will be added before class starts. The deliverables will not be increased. Addendum will include more specific information.

I hope to see you in class.