

# Psyc 493 Workshop: Statistics for Senior Thesis Spring 2009 Syllabus

Instructor: Judith A. McLaughlin, PhD

Room & Time: LA 302, W 8:10–9:10 a.m.

Office & Hours: TR 9:15–10:15, LA 505  
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Recommended Text: Kirkpatrick, L. A., & Feeney, B. C. (2006.) *A Simple Guide to SPSS for Windows*. Belmont, CA: Wadsworth.

Web Page: A copy of the course syllabus, exercises, survey and scoring key is available in PDF format at [www.msubillings.edu/CASFaculty/mclaughlin/](http://www.msubillings.edu/CASFaculty/mclaughlin/)

Equipment: You will need access to a computer that has the SPSS program on it. Note that the computers in the Information Commons have SPSS.

## Course Objectives:

1. to acquire competence in using computer programs to analyze research data; and
2. to acquire competence in determining the appropriateness of specific statistics for describing and making inferences from various types of data, in preparation for analyzing the data collected for the senior thesis.

## Exercises:

In order to have data with which to practice using SPSS, each student will be responsible for administering a 25-question survey to MSU–B students. There will then be 10 exercises, each using SPSS to analyze this data. Exercise 1 is due at the beginning of class on September 28 and will not be accepted thereafter. The remaining exercises are due in class, one per week.

## Senior Thesis

Time will be made available for individual students to consult with the instructor about the statistical analysis of the data for their senior theses.

## Grading:

Each exercise will be worth 10 points. Solely to encourage students to keep up with assignments, 1 point will be deducted for each weekday an exercise is late.

Final grades will be assigned on the following basis:

A	90 points (90%) or higher
B	80–89 points (80 - 89.9%)
C	70–79 points (70 - 79.9%)
D	60–69 points (60 - 69.9%)
F	59 points (59.9%) or lower