Minnesota State University Moorhead

PSY 230L: Statistics for Behavioral Sciences Laboratory

A. COURSE DESCRIPTION

Credits: 0

Lecture Hours/Week: 0

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:
This course requires the following prerequisite
   PSY 113 - General Psychology

Corequisites: PSY 230

MnTC Goals: None

This is a zero-credit lab that accompanies PSY 230.

B. COURSE EFFECTIVE DATES: 01/14/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. How to conduct correlations and regression analyses.
2. How to evaluate various sources of information, printed or electronic.
3. How to use descriptive statistics and graphically summarize data.
4. Inferential statistical procedures such as use of t-test and various ANOVA analyses.
5. More complex research designs, such as between and within with one or more factors.
6. Other non-parametric techniques such as the chi-square test.
7. Use APA format to report statistical findings.
8. Use SPSS or other statistical package to conduct the analyses described above.
9. What are variables and how they are measured or manipulated.
10. What is the logic behind hypothesis testing and why it is important to understand it.
11. When to use multiple comparison tests and how to select the appropriate test.
12. Working knowledge of psychology related databases, such as PsyINFO.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted