Minnesota State University Moorhead

PSY 634: Methods for Evidence Based Practice

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Primary focus on data collection and analysis skills for the practicing educators. Applied research and data analysis techniques used for evidence based practice including single subject and small n designs; program evaluation; and action research. Ethical issues related to school-based data sets and vulnerable and diverse populations.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Description and rationale for evidence based practice
2. Single subject and small N designs appropriate for applied research and school applications such as Response to Intervention and Functional Behavioral Analysis/Assessment.
3. Use of data spreadsheets and data warehouses, analysis instruments (e.g., Excel), and graphing conventions and resources.
4. Program Evaluation techniques and working with school-based data sets.
5. Action Research and techniques to collect/interpret classroom data
6. Pragmatics and ethical considerations of data collection and using data sets including vulnerable and diverse populations.
7. Summarizing and presenting data for different audiences

D. LEARNING OUTCOMES (General)

1. Demonstrate an understanding of evidence based practice, data-based decision-making and accountability.
2. Display knowledge of various practical techniques for applied research and program evaluation.
3. Show an appreciation for student diversity in development and learning and how to gather and interpret data appropriately from students with diverse backgrounds.
4. Demonstrate knowledge of ethical data collection, storage and use in applied settings.
5. Utilize a variety of information resources and show familiarity with technology used in applied settings.
6. Show knowledge of how to gather and use data at the system level and use it to enhance outcomes.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted