Minnesota State University Moorhead

SPED 606: Research and Applications in Behavior Analysis

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Advanced instruction on the scientific foundation of applied behavior analysis with an emphasis on research-based application fo learning theory applied to teaching and management of challenging behavior.

B. COURSE EFFECTIVE DATES: 08/25/2008 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understand the standards for restrictive procedures, alternatives to using those procedures, the risks of using those procedures including medical contraindications, and principles of individual and school-wide positive behavioral interventions and supports, including the roles of systems, data, and practices
2. Understand how to conduct functional behavioral assessments and use the results to develop behavior intervention plans
3. Understand how to apply behavioral theory, student data, evidence-based practices, and ethics in developing and implementing individual student and classroom behavior management plans

D. LEARNING OUTCOMES (General)

1. Develop an understanding of theories of behavior including: biophysical explanations, developmental explanations, cognitive explanations, & behavioral explanations
2. Use appropriate group and individual assessment strategies
3. Identify research and examine threats to research
4. Operationally define behavior, determine appropriate measurement, understand and calculate interobserver reliability
5. Understand the steps of conducting functional assessment of behavior, interpret research results relating to function
6. Construct computer generated graphs of behavioral intervention and analyze data to report results
7. Employ group and individual instructional strategies
8. Demonstrate an understanding of and review evidence-based supporting the instructional procedures of shaping, stimulus and response prompts chaining, task analysis, fading, and behavioral skills training
9. Understand strategies to address generalization
10. Understand and review evidence-based research supporting positive and negative reinforcement
11. Understand and review evidence-based research supporting antecedent control procedures
12. Understand and review evidence-based research supporting token economies and contracts.
13. Understand and review evidence-based research supporting behavioral reduction procedures including differential reinforcement, extinction and positive and negative punishment.
14. Apply the MN Behavioral Intervention Rule to research.
15. Understand and review evidence-based research supporting self-management training and cognitive behavior modification
16. Understand historic applied behavioral analysis (ABA) elements.
17. Explore various crisis management procedures

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted