SPED 6603: Math Difficulties: Diagnosis and Intervention

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

The course is a study of the problems students with learning needs exhibit in mathematics and of explicit teaching practices that are proven to be successful. Diagnostic, remedial and instructional activities that meet state standards and reflect National Council of Teachers of Mathematics (NCTM) scope and sequence in mathematics are explored, developed and applied. A 10-hour approved clinical experience at the 5-8 level is required. Prerequisites: SPED 5600 and consent of instructor.

B. COURSE EFFECTIVE DATES: 05/15/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Special education, mathematics and pedagogy

D. LEARNING OUTCOMES (General)

1. The students will be able to integrate knowledge of evidence-based instruction, including scientifically-based research interventions when available, in language development, reading, writing, and math with characteristics of emotional or behavioral disorders in order to design, implement, monitor, and adjust instruction aligned with grade-level content standard
- The students will be able to apply multiple evidence-based instructional practices, including those supported by scientifically-based research when available, and materials that meet the needs of students with specific learning dis

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted