Bemidji State University

SPED 4500: ABS Math Methods

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 0
   Lab Hours/Week: 0
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   Study of problems students with mild- moderate learning needs exhibit in mathematics and of explicit
teaching practices that are proven to be successful. Diagnostic, remedial and instructional strategies that
meet state standards and reflect NCTM scope and sequence in mathematics are explored, developed and
applied. The course requires an approved middle level (grades 5-8) clinical experience. Prerequisite(s): ED 3100, SPED 3600, SPED 3650, SPED 4715.

B. COURSE EFFECTIVE DATES: 12/15/2023 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Special Education: Academic and Behavioral Specialist license

D. LEARNING OUTCOMES (General)
   1. integrate evidence-based instruction, including scientifically-based research interventions in math in
      order to design, implement, monitor, and adjust instruction aligned with grade-level content
      standards.
   2. apply national, state or local math curricula standards to individualized instruction plans for learners
      who struggle with math.
   3. develop, select and interpret information from formal and informal assessments and other data
      gathered and use the results of its analysis to plan assessment and instruction for learners who
      struggle with math.
   4. make responsive adjustments to instruction based on continued observation, interaction and learner
      responses while implementing remediation plans for learners who struggle with math.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted