Minnesota State College Southeast

ECED 2105: Numeracy Skills for Young Learners

A. COURSE DESCRIPTION
   Credits: 3
   Lecture Hours/Week: 3
   Lab Hours/Week: 0
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None
   This course will provide the student an introduction to early numeracy development for young learners to age 8. Students in this course will examine early numeracy development and common hurdles young children encounter in becoming fluent in early math skills. Students are required to pass a Minnesota DHS background study and complete field experience hours during ECED coursework. (3 credits: 3 lecture/0 lab)

B. COURSE EFFECTIVE DATES:  11/09/2020 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   1. Counting and Comparing
   2. Patterns
   3. Early Numeracy Development

D. LEARNING OUTCOMES (General)
   1. Identify numeracy development scope and sequence for young children under age 8.
   2. Examine common errors and math misconceptions for young children.
   3. List diverse strategies, including multisensory, to support diverse learning needs in numeracy development.
   4. Explore mathematical approaches to teaching numeracy to young children.

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

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted