

# Minnesota State University Moorhead

## EECE 333: Discovery Learning

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Developmentally appropriate practices focusing on methods and materials in art, literature, music, math, science, and social/multicultural studies. Emphasis: focusing on constructivist approaches to hands-on discovery learning of children ages three to eight.

### B. COURSE EFFECTIVE DATES: 06/01/1995 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Constructivism
2. Developmentally appropriate practice
3. Discovery learning
4. Planning developmentally appropriate activities in multicultural education, math, science, art, music, storytelling, and physical movement
5. Developmentally appropriate teacher-made materials
6. Features and elements of activity sheets and rationale

### D. LEARNING OUTCOMES (General)

1. Students will understand the philosophy of constructivism firsthand as an approach to young children's learning.
2. Students will be able to describe key features of developmentally appropriate activities at prekindergarten, kindergarten and primary levels and use these features as a standard for evaluation.
3. Students will display the disposition of curiosity regarding young children's discoveries about their world: its natural, physical, mechanical, and cultural wonders.
4. Students will be able to manipulate and reflect on classic play materials for young children, such as clay, water, blocks, and simple tools and machines and collect multiple samples of activities appropriate for use in an early childhood classroom.
5. Students will be able to prepare teacher-made materials to support children's discoveries in math, science, story, language, and music.
6. Students will become sensitized to the teacher's role in discovery learning, including choosing appropriate materials, seizing teachable moments, talking with children without getting in the way, and extending children's explorations and discoveries.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted