

**Course Description****EEC1311 | Early Childhood Curriculum 2 | 3.00 credits**

The student will learn developmentally appropriate curriculum planning and its impact on children's total development. The student will examine the importance of integrating appropriate experiences across curriculum including math, science, art, music, creative movement, cooking, nutrition, and health and safety.

**Course Competencies**

**Competency 1:** The student will create appropriate mathematics curriculum by:

1. Identifying developmentally appropriate goals for mathematics curriculum for young children
2. Identifying developmentally appropriate mathematical concepts for young children, such as seriation, classification, time, space, number, etc.
3. Identifying strategies for presenting concepts for mathematical proficiency, including understanding mathematical ideas and concepts, problem solving, and logical reasoning
4. Demonstrating ways mathematical concepts can be integrated into all curriculum areas
5. Identifying strategies for meeting math standards through play

**Competency 2:** The student will create appropriate science curriculum by:

1. Defining science in Early Childhood Education
2. Discussing developmentally appropriate content for a science curriculum for young children, based on the self, the natural environment, and common objects that utilize scientific principles (e.g., trucks-wheels and axles, push and pull, etc.)
3. Designing science activities that develop the skills of observing, classifying, exploring materials, drawing conclusions, and communicating ideas
4. Demonstrating how science can be used to integrate all the curriculum areas

**Competency 3:** The student will develop appropriate cooking curriculum by:

1. Selecting developmentally appropriate cooking activities that promote the skills of observing, classifying, exploring materials, drawing conclusions, and communicating ideas
2. Analyzing the role of culture in cooking experiences
3. Integrating science, math, and cooking activities

**Competency 4:** The student will design appropriate health, safety, and nutrition curriculum by:

1. Describing developmentally appropriate content and goals for health, safety, and nutrition program for young children
2. Identifying classroom procedures that teach proper health habits (e.g. washing hands before eating and after using bathroom, covering one's mouth when coughing, etc.)
3. Determining the factors to be considered in providing a safe environment for young children
4. Creating safety rules for the classroom and playground
5. Reinforcing concepts related to proper nutrition and healthy foods
6. Analyzing the role of culture in health, safety and nutrition education

**Competency 5:** The student will plan an appropriate art curriculum that stresses the importance of creativity by:

1. Describing developmentally appropriate content and goals for art curriculum for young children
2. Summarizing the ages and stages of artistic development
3. Identifying activities that promote aesthetic learning through visual arts

**Competency 6:** The student will develop by:

1. Identifying developmentally appropriate content and goals for music and creative movement curriculum for young children
2. Analyzing the importance of movement in the development of the young child

3. Examining the use of music to teach concepts and skills (e.g., alphabet song, counting songs, etc.)
4. Analyzing the importance of incorporating music and creative movement activities from diverse cultures and languages into Early Childhood curriculum
5. Identifying activities that promote aesthetic learning through music, movement and drama

**Learning Outcomes:**

- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Create strategies that can be used to fulfill personal, civic, and social responsibilities