

CDEV 304: TEACHING MATH TO YOUNG CHILDREN**Credit Hours:** 3**Scheduled hours per week**

Lecture: 3

Lab: 0

Field Experience: 10 hours of field experience total for the semester

Catalog Course Description:

Study of interactions, which set the stage for math talks and problem-solving skills. Examine and evaluate use of materials, problem solving techniques, and enriching conversations that will foster mathematic processes.

Prerequisites: Admission to BAS Child Development**Corequisites:** 10 hours of field experience must be completed to successful complete the course.**Course Learning Outcomes:**

1. Students will create a lesson plan that uses a variety of strategies for math instruction in the early childhood classroom. (NAEYC Standards 1a, b, c; 4a, b, c, d) (WV Core Competencies 1.6, 1.7)
2. Students will summarize communication avenues to enrich students' problem solving related to mathematics instruction. (NAEYC Standards 4a, b, c, d) (WV Core Competencies 1.7)
3. Students will compile ideas for the inclusion of literature within the mathematics context. (NAEYC Standards 1a, b, c, d; 5a, b, c) (WV Core Competencies 1.7)
4. Students will discuss NCTM/NAEYC joint position statement on practices in Early Childhood to promote good beginnings. (NAEYC Standards 6 b, d; 7a, b) (WV Core Competencies 1.1, 1.7)

CLO Assessment Methods: Written assignments, discussions, online assignments and projects.**Topics to be studied:**

- Research results related to mathematics and young children.
- Guidance and mathematical interactions with young children birth to 5 years.
- Exploration of manipulatives, materials, and uses within the mathematics field.
- Integrating mathematics throughout the daily routine.
- Literature connections to mathematics field.

Relationship of course to program or Discipline Learning Outcomes:

BAS 3 Early childhood educators will create effective assessment plan for young children.

BAS 4 Early childhood educators will develop effective lesson plans for young children using a variety of appropriate teaching strategies to meet the needs of diverse children. (NAEYC 4)

BAS 5 Early childhood educators will create a plan to guide young children through developmentally appropriate curriculum. (NAEYC 5)

Check if approved as: ☐ Foundational Learning Course ☐ Reinforcement Learning Course**Special projects or requirements of the course:** NA

Additional information: NA

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