

EDMA - EDUCATION: MATH

EDMA 6000 Mathematics Endorsement Capstone Portfolio (0-0-0)

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Corequisites: May be taken concurrently with the 3rd endorsement course. Preparation of capstone portfolio for the K-5 Mathematics Endorsement.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the College of Educ Health Prof college.

EDMA 6235 Applications in Arithmetic and Algebra for K-5

Teachers (4-1-4)

Prerequisite: Admission to K-5 Endorsement Program. An in-depth exploration of number systems (whole numbers, integers, rational numbers (fractions) and real numbers) and their relationships, operations and standard computational algorithms, and generalizations to algebra.

Problem solving using multiple strategies and appropriate technology.

Includes methods, principles, and strategies for teaching number concepts and algebra in grades K-5.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the College of Educ Health Prof college.

EDMA 6236 Applications in Geometry and Measurement for K-5

Teachers (4-1-4)

EDMA 6236 Applications in Geometry and Measurement for K-5 Teachers (4-1-4). Prerequisite: Admission to K-5 Endorsement Program. An in-depth exploration of geometry and measurement topics appropriate for grades K-5. Topics include definitions and theorems relevant to elementary school teaching, elementary constructions, perimeter, area and volume. Problem solving using a variety of tools, including appropriate technology. Includes methods, principles, and strategies for teaching geometry and measurement in grades K-5.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the College of Educ Health Prof college.

EDMA 6237 Applications in Data Analysis and Probability for K-5

Teachers (4-1-4)

EDMA 6237 Applications in Data Analysis and Probability for K-5 Teachers (4-1-4). Prerequisite: Admission to K-5 Endorsement Program. An in-depth exploration of data collection, data representation, data analysis and probability. Problem solving using a variety of tools, including appropriate technology. Includes methods, principles, and strategies for teaching data analysis and probability in grades K-5.

Restriction(s):

Enrollment is limited to Graduate Level level students.

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