

MATH CONTENT KNOWLEDGE FOR ED (MCKE)

MCKE 3041 - Number and Operation (3 Credits)

First of three courses designed for prospective elementary teachers.

Emphasis placed on the real number system and arithmetic operations.

Explorations focus on place value, additive and multiplicative reasoning, the division algorithm and rational numbers. Content presented using problem solving and exploration. Max Hours: 3 Credits.

Grading Basis: Letter Grade

MCKE 3042 - Algebra, Probability and Data Analysis (3 Credits)

Second of three courses designed for prospective elementary teachers.

Emphasis placed on algebra, probability, and data analysis. Explorations focus on representing, analyzing, generalizing, formalizing, and communicating patterns and probabilities. Content presented using problem solving and exploration. Note: This course assumes that

students have taken MCKE 3041. Max Hours: 3 Credits.

Grading Basis: Letter Grade