

COURSE DESCRIPTIONS

MATH 113

Mathematics for Elementary School Teachers I

Fundamental and relevant mathematics for prospective elementary school teachers, including whole numbers and place value operations with whole numbers, number theory, fractions, ratio and proportion, decimals, and percents.

MATH 114

Mathematics for Elementary School Teachers II

Various topics that might enrich an elementary school mathematics program, including probability and statistics, the integers, rational and real numbers, clock arithmetic, diophantine equations, geometry and transformations, the metric system, relations and functions. Prerequisite: MATH 113.

EDUC 463

Principles & Methods of Teaching Mathematics in the Elem. School

An introduction to the structure of mathematics; to the role of mathematics in education in the school and the methods, materials, and curricular aspects of mathematics education in the school.