

# MATH 108 : Math for Elementary Teachers II

**Credits** 5

**Quarter Offered** Spring

Methods topics include teaching the usage of technology. Math topics include algebra, geometry, measurement, and statistics. This course satisfies the quantitative skills requirement for the AA-DTA degree, provided that Math for Elementary Teachers I has also been completed satisfactorily. This class may include students from multiple sections. (Quantitative Skills, Natural Sciences, Elective)

**Prerequisites**

[MATH 106](#) and P in [MATH 90/91](#) or equivalent

**Course Outcomes**

Understand and apply foundations of current pedagogical theories of the learning mathematics by elementary students, particularly with respect to the mathematical concepts in the K-8 curriculum.

Analyze, understand, and solve problems involving proportional reasoning and uncertainty and probability.

Analyze, understand, and solve problems involving three facets of geometry: shapes, transformations of shapes, and measurement.