

# MATH 111: Math for Elementary Teachers I

This course is the first in a two-course sequence (MATH 111 - MATH 112) designed to give elementary education students the depth of understanding necessary to teach mathematics at that level. The emphasis will be on understanding, representing and communicating mathematical ideas; solving problems; and reasoning mathematically. MATH 111 covers problem-solving techniques, number systems and operations, and additional companion topics. Due to potential variation in topic sequencing, it is recommended that students needing both MATH 111 and MATH 112 take the courses sequentially and from the same institution.

**Credits:** 3

**Prerequisites:**

Placement in ENG 100

and

MATH 82X with a grade of CR

or

Concurrent enrollment in MATH 78B

or

Placement in MATH 111

**Recommended Prep:**

Math skills at High School Common Core levels

Basic computer, internet, and keyboarding skills