



# Wayne County Community College District

## COURSE SYLLABUS

### MAT 128 Math for Elementary Teachers I

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

The course provides the future elementary school teacher with a perspective for understanding mathematics taught in the elementary school. Topics include the study of problem solving techniques, fundamental concepts and structure of number systems, sets, numeration systems, integers, number theory and rational numbers.

**PREREQUISITE:** MAT 112

**EXPECTED COMPETENCIES:**

Upon completion of the course, the student will:

- To develop a mathematics vocabulary
- To effectively communicate the language of algebra-oral and written
- To become an effective problem solver
- To develop both critical thinking and problem solving skills
- To effectively integrate technology into learning the course material
- To work effectively in a collaborative setting
- To parallel learning with real-life situations

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A

80%-89.9%= B

70%-79.9%= C

60%-69.9%= D

<60% = E