



# Wayne County Community College District

## COURSE SYLLABUS

### MAT 112 Elementary Algebra

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course covers topics which include solving first and second degree equations, operations on polynomials, operations on rational expressions, word problems, graphing and solving linear equations and systems of linear equations and inequalities.

**PREREQUISITES:** *MAT 100 or MAT 105*

**EXPECTED COMPETENCIES:**

*Upon successful completion of this course, the student will:*

- Understanding and accuracy in problem solving using polynomials, factoring, solving equations, and graphing.

**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