



# Wayne County Community College District

## COURSE SYLLABUS

### MAT 121 Technical Mathematics

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course covers application of arithmetic and basic algebra in technical problems, applying rules in arithmetic (whole numbers, fractions, decimals, percentage) to solve technical problems.

**PREREQUISITES:** MAT 100 or MAT 105

**EXPECTED COMPETENCIES:**

Upon completion of the course, the student will:

- Demonstrate the use of algebra to solve technical problems;
- Apply equations, exponents, and graphing methods in industrial work.

**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