



# Wayne County Community College District

## COURSE SYLLABUS

### MAT 122 Technical Mathematics II

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course is a continuation of MAT 121, using algebra to solve technical problems through the applications of equations, exponents and graphing methods in industrial work.

**PREREQUISITES:** *MAT 121 or placement test*

**EXPECTED COMPETENCIES:**

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

1. Demonstrate the use of algebra to solve technical problems;
2. 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