MAT 121   Technical Mathematics

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