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 successful completion of this course, the student will:
1. Perform operations with fractions, decimals and percents
2. Recognize and employ the properties of geometric figures
3. Demonstrate competency in using measurements and geometry
4. Be able to discuss and use the metric system
5. Understand signed numbers

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