Course Prefix and Number: MDE 60  
Credits: 3

Course Title: Intermediate Algebra

Course Description: Covers topics in algebra. Prepares students for enrollment into MTH 161 with co-requisite. Lecture 3 hours.

General Course Purpose: Prepares students for enrollment into MTH 161 with co-requisite

Course Prerequisites and Co-requisites:
None

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Demonstrate comprehension of the major topics; and
b. Apply learned concepts and success skills toward continued progress in MTH 161 with co-requisite.

Major Topics to Be Included:
a. Properties of exponents
b. Polynomials
c. Factoring
d. Solving quadratics and Pythagorean theorem
e. Complex numbers
f. Graphing (lines and quadratics)
g. Linear equations and inequalities
h. Linear systems
i. Functions
j. Rational expressions and equations
k. Radical expressions and equations

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