

Minnesota State University Moorhead

MATH 099: Intermediate Algebra

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:

This course requires any of these eight prerequisites

MATH 090 - Elementary Algebra

MATH 090A - Elementary Algebra

A score of 19 on test ACT Math

A score of 460 on test OLD-SAT Math

A score of 510 on test SAT Math Composite

A score of 76 on test Accuplacer Elementary Algebra

A score of 255 on test Accuplacer NG Quantitative Reasoning

A score of 234 on test Accuplacer NG Advanced Algebra Functions

Corequisites: None

MnTC Goals: None

Exponents, algebraic fractions, polynomials, functions, graphing lines, linear and quadratic equations, systems of equations, radicals, linear inequalities, absolute value equations and inequalities. Credits apply towards full-time status but do not apply towards graduation.

B. COURSE EFFECTIVE DATES: 02/02/2016 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Work with functions and function notation.
2. Work with polynomials, including factoring.
3. Simplify rational expressions.
4. Solve equations and inequalities involving absolute values.
5. Simplify radical expressions.
6. Solve linear, quadratic, rational, and radical equations and systems of linear equations.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted