

# Inver Hills Community College

## MATH 0118: College Algebra Support

### A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites:

This course requires any of these 12 prerequisites

MATH 0780 - Combined Prealgebra/Introductory Algebra

MATH 0840 - Introductory Algebra (Minimum grade: 2.0 GPA Equivalent and Number of Years Valid: 2)

MATH 0094 - Introductory Algebra

MATH 0096 - Topics in Intermediate Algebra

MATH 0093 - Accelerated Combined MATH 0092/Math 0094

MATH 0098 - Accelerated Combined MATH 0094/Math 0099

MATH 0880 - Intensive Introductory and Intermediate Algebra (Minimum grade: 2.0 GPA Equivalent and Number of Years Valid: 2)

A score of 6 on test ACCP local Math History

A score of 1148 on test MN Comprehensive Assessment Math

A score of 250 on test Accuplacer NG COMP Quantitative Reason

A score of 76 on test Accuplacer Elementary Algebra

A score of 250 on test Accuplacer NG Quantitative Reasoning

Corequisites: MATH 1118

MnTC Goals: None

Focuses on the skills and concepts needed for success in Math 1118. This course is for students concurrently enrolled in Math 1118. Students will receive extra support in arithmetic, algebra, problem solving, technology, and study skills.

**B. COURSE EFFECTIVE DATES:** 08/09/2021 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Just-in-time algebra topics, which may include: lines, factoring, rational expressions, radicals, exponent rules, calculator skills, word-problem translations.  
Skills for academic success, which may include: time management, study skills, math test-taking strategies, organizational skills, confidence building, connecting with campus resources.

### D. LEARNING OUTCOMES (General)

1. Solve problems, including applications, involving the skills and concepts from introductory and intermediate algebra that will aid in solving college algebra problems.  
Use a scientific or graphing calculator to perform the types of calculations and analysis needed in college algebra.  
Engage in self-reflection/exploration as appropriate to make changes to personal attitudes and behaviors.
2. Evaluate current time allocation and develop a plan to manage time in a manner that fosters timely goal completion and student success.  
Identify and utilize appropriate academic & campus resources which may include academic, career, student life, financial, and technology resources.

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

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted