

Course Code: ALM 060**Course Title:** Topics from Pre-Algebra**Department:** Mathematics**Effective Date:** Summer 2026**PCS Code:** 1.4 - Remedial Education**CIP Code:** 32.0104**Repeatability:** 0

Credit Hours

Catalog Notation: 1-0-1; 2-0-2**Credit Hour Distribution:**

Lecture: 2

Lab: 0

Clinical: 0

Total: 2

General Course Information

Catalog Description

Topics will be chosen from: Ratio, proportion, percent, conversion of units, area, perimeter, signed numbers, order of operations, formulas, basic equations, basic exponent laws, word phrases, and basic word problems. Used to supplement or review MAT 060 or MAT 059 course work.

General Course Objectives

ALM 060 is a variable credit option that covers material from MAT 060 and MAT 059. This tutorial provides supplemental instruction for pre-algebra skills to support a student in a MAT 060 or MAT 059 class or review pre-algebra topics in preparation for departmental final after completion of modules or placement test.

Minimum Placement Levels**English**

None

Reading

None

Math

None

Prerequisites

None

Methods of Evaluation

Weekly conference evaluations of assignments, a final mastery test or equivalent, and a minimum of 15 contact hours in the Learning Commons for each credit hour.

Instructional Materials and Additional Supplies

- Prealgebra, 2nd edition; Miller, O'Neill, Hyde; McGraw-Hill, 2015.
- ALEKS Access Code
- Additional Materials as assigned by instructor and provided by the Learning Commons

Course Content

General Learning Outcomes (GLOs)

- Reasoning and Inquiry: Students will demonstrate the ability to solve problems using deductive reasoning and logic, quantitative reasoning, or the scientific method.

Course Segments and Student Learning Outcomes

1 credit hour option

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Initial Diagnostic and Introduction to Math Study Skills	1. Identify pre-algebra topics needed for review. 2. Describe basic math study skills and strategies.	1	0	0
Weekly Assignments Related to Selected Pre-algebra Topics Per Diagnostic in an 8-Week Period	1. Complete all work assigned in relation to topics selected. 2. Demonstrate competent understanding of selected topics through assignments.	13	0	0
Mastery Test	1. Demonstrate proficiency with the topics covered by passing a comprehensive mastery test.	1	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
15	0	0

2 credit hour option

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Initial Diagnostic and Introduction to Math Study Skills	1. Identify pre-algebra topics needed for review. 2. Describe basic math study skills and strategies.	1	0	0
Weekly Assignments Related to Selected Pre-algebra Topics Per Diagnostic in a 16-Week Period	1. Complete all work assigned in relation to topics selected. 2. Demonstrate competent understanding of selected topics through assignments.	27	0	0
Mastery Tests (Midterm and Final)	1. Demonstrate proficiency with the topics covered by passing a comprehensive midterm test and a final mastery test.	2	0	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	0	0