

Intermediate Algebra

- I. **Course Information:** Elementary Algebra
- II. **Semester and Year:** Fall 2022
- III. **Instructor Contact Information:** Gary Leiter
email: cia.leiter@gmail.com or text at: 805.801.8055
- IV. **Office Hours:** email or text me with questions
- V. **Course Description:** Intermediate algebra course. Includes operations with signed numbers and polynomials, factoring, exponents, radicals, algebraic functions, solutions of linear equations, systems of equations, linear inequalities, and quadratic equations. Basic graphing.
- VI. **Prerequisites:** Algebra I with a grade of “C” or above
- VII. **Class Participation:** Students are expected to ask relevant questions and be prepared each day. Students are required to keep a notebook with neat and orderly notes and participate in class by actively listening to lecture and discussion.
- VIII. **Student Attendance:** Class attendance is expected. By being in class, you are showing the instructor and other students that the class is important to you. **Regular absenteeism and tardies will adversely affect your grade.** Constant tardiness will affect your semester grade. You are allowed three tardies per quarter without a grade reduction. Tardies above three per quarter will result in emails to parents and a half letter grade per additional two tardies. For example, tardy four will result in an email to parent, tardy five will result in an email to parent AND a reduction in student grade from a “B” to a “B-“, tardy 7 will result in an email to parent AND a reduction in student grade from a “B” to a “C+”.
- IX. **Required Written Work:** Tests will be announced several days prior to the test day and listed on the course syllabus. If for some reason you are absent, missed tests must be made up within **one week** of the scheduled test date. A notebook must be kept by each student containing notes from class lectures, examples from lectures, and additional notes you include from the textbook reading. All homework will be due two days after assigned. For example, if homework is assigned on a Tuesday, it will be due at the beginning of class on Thursday. Late homework/notebooks will be penalized a letter grade for each class day it is late. **Work must be shown or no credit will be given.**

Note: Notebooks are due on each test day. A key to being successful in math is neatness and orderliness. This will be a large portion of your grade in the grading of notebooks/homework. Please make sure to label notes in notebook and paperclip the section to be graded when you turn in the notebook.

Notes will not be allowed during the test except for formulas you may write down to be used on the test.

- X. **Audit Policy:** There are no requirements for auditing this class.
- XI. **Plagiarism:** Cheating and or plagiarism will result in a grade of “F” for the test and/or assignment.
- XVI. **Evaluation Tools:**
Tests 70%
Homework 20%
Participation 10%
(participation means being actively involved in learning whether it be listening, taking notes, or involved in discussion—you can participate without saying anything)
- XVII. **Text:** Elementary and Intermediate Algebra, McKeague, Third Edition, ISBN 0495108510
- XVIII. **Class Atmosphere and Safety:** Students are expected to conduct themselves in a manner conducive to learning and respectful of other students. Disruptive behavior may result in dismissal from class.
- XIX. **Academic Success and Support Services:**
- XX. **Chronological/Topical Outline:**
Unit 1
1.1-1.4
Unit 2
1.5-1.8
Unit 3
Test Chapter 1
1.9-2.2
Unit 4
2.3-2.5
Unit 5
2.6-3.1
Unit 6
Test Chapter 2
3.2-3.4
Unit 7
3.5-3.7
Unit 8
Test Chapter 3
3.8-4.1
Unit 9
4.2-4.4
Unit 10
4.5-4.7
Unit 11
Test Chapter 4
4.8-5.1
Unit 12
5.2-5.4

Unit 13

5.5-5.7

Unit 14

Test Chapter 5

5.8-6.1

Unit 15

6.2-6.4

Unit 16

Test Chapter 6

6.5-6.7

Unit 17

Final Exam Chapters 1-6