

# CP Algebra I: R. Seals ([seals\\_r@bethelate.org](mailto:seals_r@bethelate.org) or 732-2271 ext. 7037)

**Grade Level:** Grade 9-12

**Credit/Length of Course:** CP Algebra I A – ½ credit / 1 semester  
CP Algebra I B – ½ credit / 1 semester

**Course Objectives:** The textbook, *Algebra: Structure and Method: Book I* published by Houghton Mifflin, will be available for each student as a reference if needed and is expected to be returned at the end of each course in the same condition it was issued. Classwork and homework will be assigned and graded as needed for the subject and material. Daily grades will be taken based on worksheets, board work, and group activities. Some labs and projects will be assigned with units to reinforce the knowledge and focus of the material.

This course is a study of the concepts of Algebra supplemented with skills required to pass the end-of-course exam. The course will enable students to proceed to Fundamentals of Geometry with strong algebra skills. This class will require homework AND study time outside the school day. Notes are expected to be taken daily and used for understanding homework and studying for tests/quizzes.

## **Topics in Part A:**

1. Operations on Real Numbers
2. Solving Equations
3. Solving Literal Equations
4. Rates of Change
5. Graphing Linear Equations
6. Systems of Equations
7. Systems of Linear Inequalities
8. Solving & Graphing Linear Inequalities
9. Operations on Polynomials

## **Topics in Part B:**

1. Operations on Polynomials
2. Factoring Techniques
3. Intro to Functions & Function Notation
4. Solving Quadratic Equations
5. Graphing Quadratic Equations
6. Transforming Functions
7. Scatter Plots & Regression
8. Measures of Central Tendency
9. Simplifying Square Roots

## **Grading Policy:**

### 1) **Homework**

Homework is given on a daily basis and is expected to be completed for a grade. It will be graded on effort and reasonability of understanding.

### 2) **Class Participation**

Class participation and class work are comprised of daily activities in class as well as group activities and are graded on correctness or effort depending on the assignment.

### 3) **Tests and Quizzes**

A test will be given at the end of each unit with appropriate quizzes for each unit.

### 4) **Final Exam**

The exam will be given at the end of the semester during exam time. It will cover all the material learned during the semester.

## **Class Expectations & Procedures:**

Some important procedures to be aware of involve the grading of homework, quizzes, and tests. Homework is assigned at least 4 times a week. Homework assignments are worth 5 points each. Homework is assessed on a “good faith effort” basis. That means I will check it for completion, notation, necessary steps and accuracy, even though the final answer may not be correct. As long as the homework is attempted and completed with “good faith effort,” the student will receive 5 points. There will never be any reason why an assignment should be incomplete because we will go over every question that is asked, but it is up to the student to make sure that this occurs. Homework, therefore, is viewed as practice and because of this is **NOT** accepted late. Also, **ALL** work is to be completed in pencil – **NO** exceptions!

**Important Information:**

Fieldtrips and sporting events are not an absence from school so homework should be turned in the day it is due. In addition, class notes and examples will be posted on my website [www.math4tigers.org](http://www.math4tigers.org) on a daily basis. These notes should not replace those that the student is expected to take in class, but should supplement them. If the student misses class because of an excused absence, work assigned prior to the absence is to be submitted in Google classroom before the next class period on the day he or she returns to school. The student can use my website to get any missed notes and have make-up work ready the day after the return to school as stated in the student handbook. We will also be using Google Classroom for assignments and announcements. Parents are encouraged to join the Google Classroom as well.

If a student is absent on the day an assignment is checked or needs to complete the assignment as make-up work due to an absence, the assignment should be submitted in Google classroom prior to the beginning of the next assigned class period. If the absence is “unexcused,” the assignment must be submitted prior to the beginning of the class period on the due date in order to receive credit. Students needing extra help may attend the scheduled help sessions during advisory or after school or may see me after school upon request. It is imperative to get help if needed! Math is NOT a spectator sport. Students MUST participate in order to be successful.

**Supplies/Materials Required:** Notebook, pencil, calculator, dry erase markers, graph paper and paper  
Supplies must be provided by the student. Supplies will **NOT** be made available by the teacher.

**Evaluation Procedure:** The board adopted grading scale will be used to calculate grades. Grades are based on the total points earned divided by the total points possible. Homework assignments are worth 5 points, quizzes are worth 15-25 points, and tests are worth 40-60 points. All coursework is 80% of the final grade with the final exam worth 20% of the final grade. All work is to be completed in pencil – **NO** exceptions.

**Grade Scale:**

A+ 97-100	A 93-96	A- 90-92
B+ 87-89	B 83-86	B- 80-82
C+ 77-79	C 73-76	C- 70-72
D+ 67-69	D 63-66	D- 60-62
F 59-0		

**Cell Phones:**

Cell phones are not permitted in class for any reason and should not be visible. If a student is found to be using a cell phone for any reason, disciplinary action will be taken. Cell phones are NOT to be used as calculators.

**Expectations:** Students are expected to come to class prepared each day with the appropriate materials. Students should participate in ALL classroom activities as outlined by me. Students are expected to be on time to class and will not be permitted to leave the classroom for ANY reason without prior consent from me. Students are expected to complete all homework assignments with “good faith effort.” And finally, ALL students are expected to succeed!!