COURSE TITLE: Algebra 1B

Level of Difficulty	Estimated Homework	Prerequisites
Moderate	30-60 minutes	**District:** Grade of C or better in Algebra 1A **Department Suggestion:** Grade of C or better in Algebra 1A

Course Description:

Algebra 1B covers approximately half of the Algebra 1 CP curriculum. Specifically, this course includes these topics: factoring, quadratic functions, and exponential functions. Within these categories, students will be expected to solve and graph each type of equation.

Students will be expected to work collaboratively as well as individually. Students will need to work at applying their problem solving skills within each topic and be persistent in practicing and developing their mathematical mindset. In order to be successful in this class, students will need to be active participant and take initiative of their own learning.

All students will be aware of and make use of the Standards for Mathematical Practices which includes:
1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Grading:

Students will be graded on assessments, homework, and classwork assignments but the overall grade is largely dependent on assessments' average.

Syllabus:

Refer to Instructor Syllabus

Supplemental Information:

The content in this class is the same as Algebra 1 CP however, the pacing is slower because there is more time to cover less material. This class only covers the second half of the Algebra 1 CP material.

BOTH Algebra 1A and Algebra 1B must be completed (with a C or higher in the final term of Algebra 1B) in order to count for UC/CSU subject area "C" Algebra 1.