

Algebra I CP
Mercyhurst Preparatory School
2015 - 2016

Teacher: Miss Katrin Ayrapetov

Email: kayrapetov@mpslakers.com

Website: www.mpslakers.com > Students > Teacher Websites > Ayrapetov, Katrin

I will also keep things posted on eBackPack

Course Description

Algebra 1 is a “gatekeeper” course that opens the door to higher-level mathematics, science and engineering. In this course you will be introduced to all of the important Algebra concepts that will give you a strong foundation and confidence to move along with your math and science studies.

Topic List: We will cover about twelve topics with about six - eight lessons per topic.

Topic 1: Working with Real Numbers and Introduction to Algebra

Topic 2: Solving Linear Equations

Topic 3: Polynomial Multiplication and Factoring

Topic 4: Solving Quadratic Equations and Higher Order Equations

Topic 5: Drawing Lines

Topic 6: Writing Equations of Lines

Topic 7: Solving Linear Inequalities, Graphing Linear Inequalities in Two Variables

Topic 8: Solving Systems of Linear Equations

Topic 9: Working with Rational Expressions

Topic 10: Working with Radical Expressions

Homework: Each lesson will have a homework assignment. You will get some time class to start the homework and ask questions. We will either go over the homework in class or I will collect the homework. The homework will be graded for correction. **No late homeworks will be accepted.** If you were absent for a lecture, we will try to catch you up as soon as possible and I will expect you to turn in the work in a timely manner. If you do not understand the homework, it is your responsibility to seek out extra help before the next class.

Tests: At the end of each topic we will have a quiz or a test. I will review briefly for the test. You can prepare for the tests by looking over the homeworks and examples in the notes. I will not let you use any cheat sheets for the test. Please learn formulas as we go along if you have trouble memorizing material. You may NOT use a calculator for the test. Missed tests need to be made up in a timely manner.

Final Exam: **There is a cumulative final exam for this class.** We will take the first half in the middle of the year and the second half at the end of the year. We will review as we go along. The first half of the final will be given after we are done with Topic 5. The final will be given on June 7, 2016 (A day) and June 8, 2016 (B day)

Grades

You and your parents can view your grades online live, right after I enter them. If you notice a mistake, see me right away. There are three terms in a school year and a cumulative final exam. Your final grade will be determined by using the following formula:

$$\text{Final Grade} = (2*T1 + 2*T2 + 2*T3 + F) / 7$$

The letter grade break down at MPS is as follows:

	General/College Prep
A = 93 - 100%	4.0
B+ = 90 - 92%	3.5
B = 85 - 89%	3.0
C+ = 82 - 84%	2.5
C = 75 - 81%	2.0
D = 70 - 74%	1.0
F = 69 - Below	0.0

Special Help Night and Math Lab

- You can come see me in my classroom 112 **every day** after school from 3:10 to 4:00.
- In addition, you may get extra help from tutors in the Math Lab (Room 120)

Math Lab (Room 120)

Tuesdays 3:15 pm – 4:00 pm

Wednesday 7:30 am – 8:15 am

Thursdays 3:15 pm – 4:00 pm

- I can also find you an upperclassman tutor to tutor you one on one in Algebra and Science Concepts.

I care very much about how you feel and how you learn in this class. Please feel free to talk to me or to write me if you want to discuss something.

LET'S HAVE A GREAT YEAR!!!!