
MRS22 COURSE SYLLABUS

COMMON CORE ALGEBRA 2 - TERM 2

Course Description & Goals

Welcome to Common Core Algebra 2!!! The course will develop the topics of polynomials, trigonometric, exponential and logarithmic functions as well as probability and statistics where we will be making inferences and drawing conclusions from data.

Throughout the course, students will meet the following goals: • Communicate effectively using graphic, numeric, symbolic, and verbal representations • Compare and connect the structure of the polynomial system and the system of integers • Use the coordinate plane to extend trigonometry to model periodic phenomena • Synthesize and generalize what you have learned about a variety of function families • Relate visual data displays and summary statistics to different types of data, including probability distributions

Course Scope and Sequence:

Review on Equations and Functions

Unit 6: Exponential and Logarithmic Functions

- Sequences and Series
- Exponential Functions
- Modeling with Exponential and Other Functions.
- Logarithms Functions
- Logarithmic Properties and Exponential Equations

Unit 7: Trigonometric Functions

- Unit Circle definition of Trigonometric Functions
- Graphing Trigonometric Functions

Unit 8: Probability

- Introduction to Probability
- Conditional Probability and Independence of Events

Unit 9: Statistics

- Gathering and Displaying Data
- Data Distributions
- Making Inferences from Data

A Note from Ms. Shin:

The more effort you put into your class work and homework, the easier it will be for you to prepare for the Midterm and Final Exams as well as the Common Core Examination. Always review your tests, quizzes, and homework in order to learn from your mistakes. If you need additional assistance, please feel free to contact your teacher for help. I am available to help you during my office hours above. Review your notes and handouts received in class every day. ***If you are having trouble with this class, come to me immediately and I can work with you. If you wait till the end of the marking period, it will be TOO LATE. I will be available to help you understand so you can be successful in this class.*

Spring 2019

Teacher: Ms.Shin

E-Mail: Jshin2@schools.nyc.gov

Class webpage: www.msjsin.com

Tutor available by appointment

Required Materials

These materials are to be brought to class on daily basis

- 3-ring binder with loose leaf paper
- Graphing Calculator
- Writing utensil
- Highlighters & color pens

Every student will be required to keep an organized notebook that includes all the notes of lessons covered in class. This notebook will be used as a study guide for quizzes and tests and as an aid in completing homework assignments.

Primary Textbook

- Algebra 2 by HMH
- Algebra 2 by McDougal Littell

Important Dates

Parent-Teacher Conferences

March 7th from 4:30 pm to 7pm

March 8th from 12:30 pm to 2:30pm

Each Marking Period Due Dates

First Marking Period ends Feb 27th

Second Marking Period ends April 12th

Third Marking Period ends June 11th

Midterm Examination

April 30th

Final Exam: To Be Determined

*Midterm, and Final exam dates may be subject to change.

HOW TO BE SUCCESSFUL in COMMON CORE ALGEBRA 2!!!!

Work hard, Try your best, Be organized, Be responsible.

You, and only you, are responsible for the grades you receive. Work hard now so you have no regrets later.

1. Come to class *on time* and prepared to learn
2. Work collaboratively, patiently, and empathetically with peers. Ask questions!
3. Put in the extra work!!
 - Not all concepts will “click” right away. Please put in the extra time / effort to stay on track with material (during tutoring hours or arrange time with Ms.Shin)
4. If you are absent, it is your responsibility to make up any missed notes and homework. If a quiz or test is missed, you must make arrangements to make it up within one week of the absence(s).
5. Check Jupitered regularly. Getting constant feedback is crucial to make any necessary adjustments.
6. Utilize webpage
 - On my webpage (www.msjshin.com), I post daily lessons with videos or helpful links so students can go back and review concepts or catch up if they miss a day of school.
7. Respect yourself, your peers and your teachers.
8. No cell phone usages!!
9. No food or drink in class(water only)

Student’s Responsibilities and Requirements

You are expected to attend class everyday with your pen and notebook ready. Any unexcused lateness is subject to point deductions on class participation. In case of absences, a valid document is anticipated. You are accountable for the completion of assignments or tests missed. Makeup test is arranged solely through appointment. Any homework / class project that is not done by the designated due date will be given a maximum of half-credit based upon the quality of the work. Homework assignment that is copied or being copied will receive NO CREDIT at all.

Grading Policy

Your final grade is a combined average of all three marking periods. Each marking period grade is calculated as followed:

▪ Summative Assessments: Class Exam & Project	50%
▪ Formative Assessments Quiz & Homework	30%
▪ Class Engagement	20%

If you have any questions or concerns, please feel free to contact your teacher.

I understand that by signing this contract, I am agreeing to its conditions for this semester.

Please keep this syllabus on the first page of your notebook.

Student’s Signature

Parent’s Signature

Date