

Welcome to HAIS ECHS 2023-24

Mathematics Syllabus

Pre-AP Algebra 1

2023-24 | August 28th, 2023 - June 5th, 2024

Contact Information



Mathematics Teacher

Ms. Judy Hoang

Classroom

Rm 202

TEAMS/Outlook

JHoang@HoustonISD.org

Office Hours

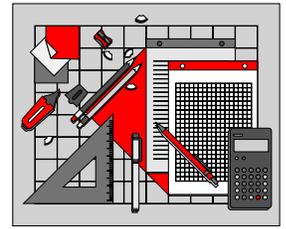
A2, B7

Google Voice

(832) 930 - 3337

Tutorial

Monday/Wednesday 3:30-4:30PM



**“Education is the most powerful weapon which you can use to change the world.”
– Nelson Mandela**

Welcome!

Algebra is the FOUNDATION for all high school, college, and trade school mathematics. It is a TOOL that provide ways to solve problems. “You can’t build a great building on a weak foundation.” Gordon B. Hinckley

The Pre-AP Algebra 1 course is designed to deepen students’ understanding of linear relationships by emphasizing patterns of change, multiple representations of functions and equations, modeling real-world scenarios with functions, and methods for finding and representing solutions of equations and inequalities.

Course Outline

	UNIT TITLE	KEY CONCEPTS
UNIT 1 -9 WEEKS	LINEAR FUNCTIONS AND EQUATIONS	<ul style="list-style-type: none">Rate of Change and SlopeLinear FunctionsLinear EquationsLinear ModelsLinear Inequalities
UNIT 2 -5 WEEKS	SYSTEMS OF LINEAR EQUATIONS AND INEQUALITIES	<ul style="list-style-type: none">Solution to a SystemSolving a System (algebraically)Modeling with SystemsSystems of Linear Inequalities
UNIT 3 -9 WEEKS	QUADRATIC FUNCTIONS	<ul style="list-style-type: none">Quadratic FunctionsSolving Quadratic EquationsModeling with Quadratic Functions
UNIT 4 -5 WEEKS	EXPONENT PROPERTIES AND EXPONENTIAL FUNCTIONS	<ul style="list-style-type: none">Exponent RulesRoots of Real NumbersMultiplicative SequencesExponential Growth and Decay

End of Year Goal

Algebra 1 students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) end-of-course (EOC) Algebra 1 exam to meet part of the graduation requirements.

All early college students are expected to complete the Texas Success Initiative Assessment (TSIA) in English and Mathematics. Students scoring at or above the benchmarks are considered “college ready” and eligible to enroll in any entry level college course.

Class Materials

- College Ruled or Graph Paper Composition Notebook
- Wooden or Mechanical Pencils and Eraser
- Fully Charged Laptop and Charger

Expectations (PR)²

<u>POSITIVE</u>	<u>RESPECTFUL</u>	<u>PRODUCTIVE</u>	<u>RESPONSIBLE</u>
Community Safe and Inclusive Open-minded	Yourself your classmates your environment	Time Management We try our best We learn from mistakes	Ask for help Ask questions Be on time

Class Procedures

<u>Start of Class</u>	<u>Class Time</u>	<u>End of Class</u>
Be on Time Find your seat Read the board Complete Activity	Actively Participate Time Management Work Hard Ask questions	Clean up the last 3 minutes Return materials to station Sanitize your area Stay seated until dismissed

Attendance Policy

- Be on time.
- Students who arrive 15 or more minutes late, without a pass, will be marked ABSENT.
- Absence: If you are absent, it is your responsibility to communicate. You may make arrangements to attend tutorials or stay afterschool to complete your work.

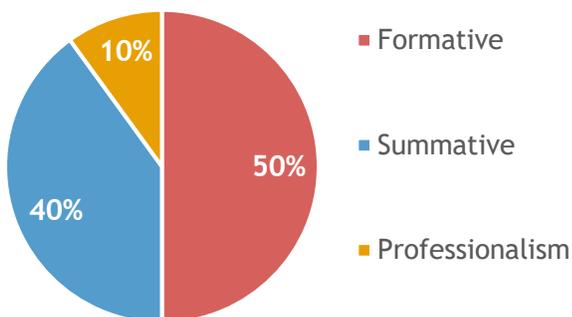
Assignments

- Assignments are expected to be turned in by the due date.
- Physically paper assignments must be submitted at the beginning of class.
- Electronic assignments must be completed and timestamped by 11:59pm.

Late Work Policy

- If you are missing any assignments, you will receive a ZERO for a grade, until the assignment has been completed and turned in accordingly.
- Immediately after the due date, maximum possible points 80 %.
- Missing assignments are acceptable up to 2nd week late, maximum possible points 70 %
- For any late submission, you must communicate in WRITING to the teacher.

Grading Period



Formative	Summative	Professionalism
CLASSWORK	QUIZZES	PARTICIPATION
HOMEWORK	PROJECTS	NOTEBOOK
	TEST	ENGAGEMENT

Final Exam/Project*

Tutorials

If there are any question/concerns, I am available on Monday and Wednesday after school at 3:30PM -4:30PM in Rm 202.

Restroom

20/20 Rule: No students will exit the classroom during the first 20 minutes and last 20 minutes.

- Ask for permission.
- Take the hall pass.

Cell Phone Policy

Away and Out of Sight: Put away all phones or headphones. When you enter the classroom, they need to be put away and silenced. **Failure to comply will result in the following:**

1. Warning
2. Phone will be taken up (Returned at the end of class)
3. Parents will be notified, and phone will be taken up (Returned at the end of day)
4. AP Referral, Parent-Student Conference (Phone will be sent to Main Office)

Acknowledgement

Communication is very important in any situation. Students are responsible to be communicative and take ownership of your success.

- Please utilize HISD e-mail, Microsoft Teams, and/or visit Ms. Judy Hoang in Rm 202.

The expectation is for all students to do their part to help this school follow its mission and reach its goals. To do so, each student must adhere to the code of conduct and school policies.

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Student Information

Student Name

HISD ID Number

Period

Parent/Guardian 1 Name

Primary Contact (Phone or Email)

Secondary Contact (Phone or Email)

Parent/Guardian 2 Name

Primary Contact (Phone or Email)

Secondary Contact (Phone or Email)

Acknowledgement

Communication is very important in any situation. Students are responsible to be communicative and take ownership of your success.

I acknowledge that I have access to a physical and electronic copy of the student syllabus. The contents of the student syllabus have been explained and/or read to me. I understand the requirements concerning textbook(s) required, assignments, testing, and how my grade will be determined. I have read and fully understand the policies and procedures of the class syllabus. I am aware that the students will be held accountable for their actions as described in this document.

Student Name (Printed)

Student Signature

Date

Parent/Guardian Name (Printed)

Parent/Guardian Signature

Date