



Intermediate Algebra Syllabus 2023-2024

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Course Outline

Roosevelt's Intermediate Algebra course is a college preparatory mathematics course. This course is appropriate for students that took Algebra 8 last year. This year we will pilot the Open Up Resources Algebra One curriculum: <https://access.openupresources.org/curricula/our-hs-math/aga/algebra-1/index.html>.

<p>Intermediate Algebra is organized into nine units of study:</p> <p>Unit 1: Sequences</p> <p>Unit 2: Linear & Exponential Functions</p> <p>Unit 3: Features of Functions</p> <p>Unit 4: Equations & Inequalities</p> <p>Unit 5: Systems of Equations & Inequalities</p> <p>Unit 6: Quadratic Functions</p> <p>Unit 7: Structures of Quadratic Expressions</p> <p>Unit 8: More Functions, More Features</p> <p>Unit 9: Modeling Data</p>	<p>In each unit, students will...</p> <ul style="list-style-type: none"> ● Expand their academic math vocabulary through interactive tasks. ● Increase procedural fluency through independent practice. ● Represent their mathematical thinking with graphs, tables, equations. ● Work in groups to improve communication skills. ● Engage in exploratory tasks to build deep understanding of algebra concepts.
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What is expected from the teacher?

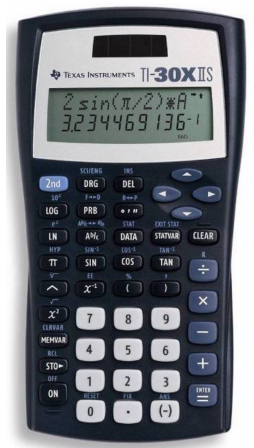
- We will be prepared for all classes with lessons designed to help you make progress in math.
- We are here for you and will work with you to help you be successful in class.
- We are open to hearing student perspectives on what's working and what isn't.
- We will give you feedback that will help your learning.

What is expected from the students?

- Students will come to class open to the process of learning. Sometimes math will feel straightforward and sometimes it might be confusing! This is all part of the process. Try not to check out when things are challenging for you.
- Students will be prepared for class, with all materials and any assigned work complete.
- Students will do their own work.
- Students will be respectful of other students, teachers and guests in the classroom.

Materials:

- Daily class materials:
 - Chromebook/computer & charger
 - Something to write with
 - School provided student workbook
 - Notebook and Folder for class
- Calculators:
 - Scientific calculators (TI-30XIIS) are a good tool for class and are allowed on the ACT. They are \$10-15 dollars at Target or Walmart. While helpful, these calculators are **not required**.
 - A set of TI-84 Graphing Calculators will be available for use in the classroom.
 - Calculate84 is a free app version of a graphing calculator. Desmos.com also has free graphing tools and a scientific calculator option.



Tech guidelines:

- You will need your Chromebook and charger daily. There may be times where we do not use it in class. When we are using it in class please stay on task.
- You will NOT need your cell phone during math class. Please keep it out of sight. If it is a distraction, your teacher will ask to hold it for you and let your parent/guardian know that it is impacting your learning.

Academic Dishonesty:

If I discover a student cheating or plagiarizing, the student will earn 0 on the assignment with no chance to retake or make up credit. If you are in a position where you are tempted to cheat, please communicate with me and get help instead.

Extra Help:

- Check to see if your teacher can meet with you after school or during lunch.
- Teacher staffed Math Help is in room 321 T, W and TH 3:25 - 4:00 and during club/flex time on Friday.
- Your local public library. The Minneapolis Public Libraries have tutors at designated times. Stop in to the one near you to find out when tutors are available.

Grading:

Letter Grades will be assigned based on your percentage of points:

Assessment Scale	Letter Grade	Percentage Breakdown	Description/Explanation
7 - 8	A	85.5% - 100% = A 79.5% - 85.4% = A-	Work consistently is... Extended and Innovative
5 - 6	B	72.5% - 79.4% = B+ 64.5% - 72.4% = B 57.5% - 64.4% = B-	Work consistently is... Accurate and Proficient
3-4	C	50.5% - 57.4% = C+ 43.5% - 50.4% = C 36.5% - 43.4% = C-	Work mostly is.... Adequate but Inconsistent
2	D	32.5% - 36.4% = D+ 28.5% - 32.4% = D 24.5% - 28.4% = D-	Work is... Developing, Limited and Partial
0 - 1	F	0% - 24.4% = F	Work is.. Incomplete, Inaccurate and has Insufficient evidence

The categories that make up grades are below:

- 80% Summative Assessments (tests, quizzes and projects all scored from 0 to 8)
 - Quizzes/assessments based on learning targets.
 - End of unit projects or tests.
 - Time will be limited on assessments, with accommodations provided to students with IEPs and 504 plans.
- 20% Formative (classwork, homework, exit tickets, etc all scored from 0 to 2)
 - Practice assignments are intended to help students learn. As such, they will be checked for completion rather than correctness. Teacher comments, peer checks, and answer keys will help students self-assess their understanding.
- Students can improve assessment scores by arrangement with their teacher. Improvements must be completed prior to the next assessment. Teachers may require students to complete related formative work before improving their assessment score.

Attendance

We will follow the RHS attendance/tardy policies. It is important to attend class as you are able. This is when we will learn new content and get a chance to practice new skills with feedback from your teacher and peers. If you are absent, please check google classroom and talk to your teacher when you return to class.

Thanks for reading, and let us know if you have questions. We look forward to an exciting year!
Sincerely, Ms. Nancy, Ms. Collins, Ms. DeLisle, Ms. Bright