

Advanced Algebra: Concepts & Connections

Syllabus and Class Expectations



MRS. HEATHER MARTIN
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ROOM: 2201

COURSE DESCRIPTION

Advanced Algebra: Concepts & Connections is the third course where students will continue to enhance their data and statistical reasoning skills as they learn specific ways to collect, critique, analyze, and interpret data. Students will learn how to use matrices and linear programming to represent data and solve contextually relevant problems. They will strengthen their geometric and spatial reasoning skills as they learn how to solve trigonometric equations using the unit circle. Students will further develop their functional and graphical reasoning as they explore and analyze structures and patterns for exponential, logarithmic, radical, polynomial, and rational expressions, equations, and functions to better understand the world around them.

TEXTBOOK NAME: Reveal Algebra 2

GRADING POLICY: Per Houston County Board of Education policy, each student's average will be calculated as follows:

- Major Assessments = 45%
- Minor Assessments = 20%
- Daily Work = 15%
- Final Assessment = 20% (course includes a cumulative final exam at the end of each semester)

INFINITE CAMPUS: Student grades can be easily monitored by checking Infinite Campus regularly. Parents and students have access to Infinite Campus.

CANVAS: Students will use Canvas to access assignments, communicate with teachers and classmates, check grades, and keep track of important dates and announcements. Canvas makes it easy to stay organized and involved in the learning process.

CHROMEBOOK STATEMENT: "All students are issued a district-provided chrome book for instructional purposes, student engagement, and student learning. Chrome book use is at the direction and discretion of the classroom teacher."

HOMEWORK POLICY: To succeed in any math class, students must practice! Practice problems will be assigned daily. Students are expected to attempt **each** problem to receive full credit (100). **TWO** homework makeups will be allowed each semester. **Work must be shown to receive credit!!!!** If homework is not completed, a zero or 50 will be assigned.

TEST/QUIZ POLICY: Students need to put away all smart watches during testing. Additionally, bookbags may be placed in front of the classroom for major or minor assessments.

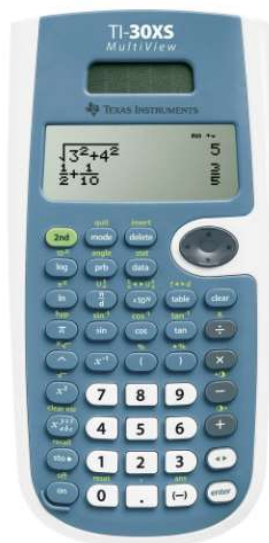
TEST RETAKE POLICY: Students will be allowed to retake two tests during the semester, excluding semester exams. A retest date will be announced and will be scheduled within two weeks of receiving your test results. Students will need to correct each missed problem on the test corrections document during tutoring or during SOAR to be able to retest. Retakes must be finished in a single sitting and must be completed before or after school.

TUTORING: I will be available Tuesday and Thursday afternoons from **3:00-3:30 PM**.

MATERIALS: Students **MUST** be prepared daily by bringing to class with them their **own personal** materials, including:

- Paper
- Erasers
- 3-ring binder
- Pencils
- TI-84 Graphing Calculator or TI30-XS Multiview Scientific Calculator

***Please ensure your student has a **TI-30XS Multiview** calculator for use in Advanced Algebra. This model is typically available for **\$15-\$20**, depending on the retailer. If your student already owns a **graphing calculator**, there is no need to purchase the TI-30XS.



Classroom Rules:

1. Be on time to class. Tardies are not acceptable.
2. Use the restroom between classes or last 10 min.
3. Do not ask for a pass during instructional time.
4. Stay seated during instructional time.
5. No food or drinks in class (except water).
6. No sleeping in class.
7. All student handbook rules apply as well.
8. **Be prepared to learn, including bringing all school supplies every day!**

Consequences:

If any student should fail to comply with the classroom rules, he/she will receive:

First: Reminder of classroom expectations

Second: Parent contact

Third: Office referral

PLEASE RETURN THIS PAGE
Advanced Algebra: Concepts & Connections
Mrs. Heather Martin

Student Name (Print) _____ **Period** _____

Parent/Guardian Name _____ **Number** _____

Parent/Guardian E-mail Address _____

Parent/Guardian Signature

Student Signature

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By signing above, I acknowledge that I have received, read and understand all the objectives, student expectations, classroom rules and procedures, grading policy, disciplinary consequences, calculators, and tutoring information in the syllabus for the Advanced Algebra course.

Parent/ Guardian, please include your email address and the single best phone number at which to contact you between 7:30-3:30.