

Our Mission: Educate and support every student, every day, for success now and in the future.

2022-2023

Algebra 2 Syllabus

Mr. Combs Room D-11

Units of Study

Part A Trimester

Chapter 1 – Linear Functions

Chapter 2 – Quadratic Functions

Chapter 3 – Quadratic Equations and Complex Numbers

Chapter 4 – Polynomial Functions

Part B Trimester

Chapter 5 – Rational Exponents and Radical Functions

Chapter 6 – Exponential and Logarithmic Functions

Chapter 7 – Rational Functions

Chapter 9 – Intro Trigonometric Ratios and Functions

Grading: Grades in this course are based on specific measurable progress on the Common Core State Standards (CCSS) in the area of mathematics. This course is graded on proficiency.

Proficiency means . . .

- Your grade is based solely on the Algebra you have learned.
- Your class work and assignments are designed as practice for assessments.
- Your promotion is based on **proven readiness**.
- You will have multiple opportunities to learn the material, including possible **test and quiz retakes****.

Your grade is determined by your mathematical performance in the following areas:

Formative Assessments (10%)

Examples of formative assessments include, but are not limited to quizzes, warm-ups, homework assignments, exit tickets and notebook checks. A formative assessment is an assessment for feedback that captures a student's progress through the learning process. It shows to what extent a student is learning a concept, skill, or knowledge set. A formative assessment is "practice" and essential in determining a student's readiness for successful completion of a summative assessment and future courses.

Summative Assessments (90%)

A summative assessment is a comprehensive measure of a student's ability to demonstrate the concepts, skills, and knowledge within a course. Examples of summative assessments include Unit Tests and Final Exams. It is an assessment of learning and will be used to **determine 90% of your grade for this course**.

The **Final Exam** will measure how well you have learned the concepts from the entire semester – this is known as a cumulative exam. Because all math classes we offer build on previous knowledge, it is very important that you not only learn the information, but that you also remember it for future study. The **Final Exam will be weighted more than a unit test and will cover content from the entire semester**.

Retesting: The maximum score for all retests is 80%.

Qualifying for Retests: Students that are consistently working hard, doing the assigned homework, and engaged in class can qualify to retest. Retesting is designed to help students that are working hard and still struggling with the material. Students will need to complete test corrections in class and other work to review and prepare for a retest.

Students that do not engage in class, do not take detailed notes, or do not do the assigned work (with work shown and answers verified) will not qualify for retesting.

It is always beneficial to study and do your best during the first test. Retesting is not a right, it is a privilege you earn by demonstrating responsible behavior and meeting the teacher-designated requirements. The retesting policy is designed to help students reach a proficient level of understanding.

If you qualify for retesting:

- You must retest during the scheduled retest dates.
- You must complete the retest in one sitting.
- You will keep the highest grade you earn.
- You may NOT retest on final exams.

LETTER GRADES

A	90% and above
B	80% - 89.99%
C	70% - 79.99%
D	60% - 69.99%
F	less than 60%

Required Materials

- Ipad, charged
- Math Text – either book or digital on iPad
- 3-ring math binder or AVID binder with notes, handouts, paper, assignments, etc.
- **I recommend a graphing calculator (TI-84+CE and TI-84+ are best for \$90-\$120 new, \$40-\$100 used).** I have less experience with Casio brand, TI-89, TI-Inspire calculators so you will likely need to watch videos to learn how to use their functions.

Test and Quiz Behavior

Tests and Quizzes must be completed without help and in the time given. You will be given the entire class period to complete your test. You will not be allowed to hand in an unfinished test and come back later to finish it.

Late Work

Late work is accepted. You typically have two days to finish assignments. Assignments turned in after the unit test will earn a maximum of 80%

Tardy Policy

First two tardies: verbal warnings.

Third tardy: lunch detention/phone call to parents.

Fourth and every tardy thereafter: a referral will be given.

Bathroom Use Policy

Bathroom breaks during class should be rare and short. Use your passing time wisely.

Cell Phones are not allowed in class

As per our school policy cell phones should be silenced and zipped up in your bags or in the storage pockets unless I give specific instructions otherwise. If you use your cell without explicit permission it may be brought to the office for your parent/guardian to pick it up after school.

Classroom Values and Expectations:

HRVHS knows that the values of Eagle P.R.I.D.E. (Perseverance, Respect, Integrity, Diversity, Engagement) help students feel valued, engaged, and successful.

- We will show **Perseverance** by never giving up and looking at errors as opportunities to learn.
- We will show **Respect** to one another by treating others as you would want to be treated, by taking care of your belongings and respecting those belong to others, by being open to new ideas even if you don't agree.
- We will demonstrate **Integrity** by working hard, telling the truth, and doing the right thing.
- We embrace **Diversity** for our entire community, everyone has a place here.
- We show our **Engagement** for one another by being present, prepared, and curious.

Failure to follow classroom expectations will result in one or more of the following:

- 1) **Special seating arrangements or "taking 5" in the hallway**
- 2) **Phone call to parents**
- 3) **Referral to the office**
- 4) **Permanent removal from the classroom**

Syllabus Changes: I reserve the right to change this syllabus during the year. In the case that the syllabus is changed I will communicate all changes to you.