

Course Syllabus 2023-2024
Rivera Early College High School – Mathematics Department
Welcome to Algebra II

Instructor: Mrs. E. Vera
Room: D220
Conference Period: 8th period (2:35 pm - 3:20 pm)

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COURSE DESCRIPTION:

Algebra II focuses on several areas of mathematics, involving all different kinds of factoring methods, applying the laws of exponents, and operations of radical expressions. Students will comprehend the attributes of the different functions in mathematics such as linear, quadratic, absolute value, square root, rational, exponential, and logarithmic functions as well as the inverse relation/function of some of these, and they will solve equations involving expressions of these except absolute value equations. Analysis of the four different types of conic sections by comparing and contrasting their characteristics, then the analysis will focus on the attributes of each conic section introduced. Students will apply the knowledge of functions into real world problem solving and they will learn to use instructional technology equipment such as TI Graphing Calculators, TI-Navigator System, Mobi Pad, Google Classroom, Remind and computers to enhance their learning and help to ensure their academic achievement in the class.

This course will prepare your child for the Algebra II Exam (FINAL), which will permit students to achieve academic success and open the door towards High School graduation and post-secondary education.

DAILY STUDENT MATERIALS AND SUPPLIES:

- Loose leaf paper is required for taking notes.
- A **2 or 3 in. three-ring binder**, create a **title page** followed by the **course syllabus**.
- **4 Dividers** which include: **Notes, Daily Work/Homework, Tests/Quizzes, and Projects**.
- **Note:** If student needs an **Algebra II Textbook**, parent/legal guardian will have to check it out at the library.
- **Google Classroom:** Invite will be sent per individual.
- **Remind:** Invite will be sent per individual.

To help your child excel, graphing calculators (TI-Nspire II) will be provided for **class use only**. The calculator is **NOT A CRUTCH** but a tool that will be used throughout the student's entire learning career. Students will be assigned a calculator, **if and only if**, student and parents have read, signed the proper form, and brought it back to the instructor.

HOMEWORK / DAILY WORK:

*As a consequence of the short class time, students will be issued homework assignments on a daily basis depending on the days of closure of each lesson taught. Students will be given sufficient time to complete the assignments based on the length of such. Owning or purchasing a **scientific calculator** is highly recommended for home usage in order for students to complete assignments successfully and effectively. Late homework or daily work will be accepted, however, **ten points will be deducted** each day it is late.*

PROJECTS:

Algebra II Honors (Sign and return your Honors contract): One mandatory project will be given in the Spring Semester. You will receive the rubric to the project three weeks prior to the due date. The rubric will be very specific with the instructions and the due date (which are in bold print). Please refer to the rubric regarding the details because **late projects will NOT** be accepted. Projects are major grades.

Algebra II: Projects will be optional. If you choose to submit a project, it can replace one of your lowest test/quiz grades.

GROUP WORK:

Group work will occur throughout the course. The groups will be determined by the teacher and specific roles will be assigned to each individual. You will analyze, compare, collaborate, share, reflect, gather data, and/or prepare arguments with evidence from multiple sources.

READING/WRITING/QUESTIONING ACTIVITIES:

Even though you are in a mathematics class, you will be working with activities in which reading, writing, and questioning will be required throughout the course.

CELL PHONE RULES:

Cell phones, or any other electronic devices, will not be allowed during instruction, class work, or testing. During testing/quizzing, cell phones, or any other electronic devices, will be turned in to the teacher. If you refuse to turn in your electronic device, you will NOT be given a test, quiz, or exam. Cell phones will be allowed, ONLY when the teacher instructs.

IMPORTANT DATES TO REMEMBER:

End of 1st 6 Weeks: 09/22/23

End of 2nd 6 Weeks: 11/03/23

End of 3rd 6 Weeks: 12/21/23

End of 4th 6 Weeks: 02/22/24

End of 5th 6 Weeks: 04/19/24

End of 6th 6 Weeks: 05/30/24

CLASSROOM EXPECTATIONS:

I will be providing a learning atmosphere that will allow your child to learn the objectives as set by the **Student's (Code of Conduct) Handbook** and **Classroom Rules adopted by Rivera ECHS**. To do this, I will need the cooperation of each student in the class. Some expectations include:

- Be courteous and respectful to the teacher as well as other students.
- You are EXPECTED to come prepared to class with notebook, pencil, and homework if issued.
- Foods, drinks, and candies are **not allowed** in the classroom.
- You are expected to be ON TIME each class day and remain in your assigned seat until the **teacher dismisses the class (not the bell)**.
- No teacher-to-teacher passes/excuses will be accepted or given. You may not go to the library during my class hour or return to a previous class.
- Use appropriate language at all times. Avoid any type of cursing or profanity.
- Follow all Rivera ECHS and BISD policies and guidelines as outlined in the student handbook. The DRESS CODE will also be enforced.
- Restroom passes will not be given the first and last 15 minutes of class. Exceptions will be allowed for medical reasons with proper doctor's note on file.
- The USE of cell phones, I-Pods, MP3 players, headphones, DS handheld game, paging devices, walkie-talkie's, I-Pads, tablets, etc., are prohibited in the classroom. They will be confiscated and turned in to the office.
- The students ARE NOT allowed to wear any TYPE of hats, caps, visors, etc. in the classroom (except for medical reasons). Beauty and make-up accessories, magazines, and playing cards are also prohibited. I will confiscate those items and turn them in to the office.

GRADING POLICY PROCEDURES:

The general grading policy of BISD will be followed: Minimum of 3 tests and 4 daily grades per six weeks: Daily work – 40%; Tests/Quizzes/Projects: 60%.

Each semester grade is: 1st six weeks – 25%, 2nd six weeks – 25%, 3rd six weeks – 25%, semester exam – 25%.

eSchoolPlus+ ACCOUNT:

Parental accounts may be requested at the front office.

MAKE UP WORK:

- No student will be refused an opportunity to make up work if he/she is absent. The student will be given the same number of days as the number of days he/she was absent to turn in the work.
- A student must make arrangements for make up work on the day he/she returns to school. The teacher and student can decide when work is due.
- Students absent only on a known test day will be expected to take a test upon return. If any student has been absent the day prior to an announced test and if nothing new has been covered, the student will be expected to take the test at the regularly scheduled time. If the student has been absent two or more days, the student will immediately make arrangements with the teacher for the make up tests.

RE-TESTING:

After a failing grade on a test (not Semester or Final Exams), it is your responsibility to ask for a retest. That retesting must occur within five days of the failed test, as per district policy. It is strongly recommended that the student attend after school tutorial and accurately completes test corrections prior to re-testing. Scores for a successful re-test will be recorded as the minimum-passing grade of 70%. Re-test date and time will be announced in written or verbal form. If you score lower on the retest (than in the original administration) the highest failing score will be recorded. If you fail to appear for scheduled retest, first test grade will be recorded.

CHEATING:

- Cheating is interpreted as a procedure which involves the unauthorized giving or receiving of help, offering or seeking aid, or the use of material prepared in advance for use on an assessment. Cheating also involves books or notes in any form being used during an examination without the permission of the teacher. The penalty is a “0” on that work, and a failure for the semester [which will be recorded as a zero (0) in the teacher's grade book] if cheating occurs a second time during the same semester.
- The statement “The penalty is a zero “0” on that work” is interpreted to mean the actual work that the student cheated on by itself or that the student had access to during the examination at the time the student was caught cheating. Retesting will not be allowed in this situation.
- Plagiarism (the stealing and passing off/presenting as new, original and one’s own idea or product derived from an existing source) is cheating.
- A test given in parts and which the student has not had access to at the time he/she was caught cheating is not intended to mean “on that work”.

TARDIES:

You are expected to be on time to class. Excessive tardiness will result in parent calling and further consequences as per Rivera policy.

TUTORING TIMES:

The schedule for Rivera tutorials will be posted/announced as soon as they become available.

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SIGNED by Student & Parent and RETURN copy: to teacher

STUDENT - PARENT - TEACHER - AGREEMENT

I (print your name) _____ have read the classroom expectations. I have also made my parent(s)/legal guardian(s) aware of what my responsibilities in the classroom are. My parent(s)/legal guardian(s) and I understand that if I do not follow these rules certain consequences could result.

Student Signature _____

Parent Signature _____

Email _____ **Date Signed and returned** _____

Teacher Signature *Mrs. E. Vera*

Room: D220

Conference Period: 8th