

ALGEBRA 2 HONORS SYLLABUS 2025-2026

Coach Jenkins

Course Description

This course is designed to guide students to mastery of the Texas Essential Knowledge and Skills (TEKS) for Algebra 2. Students will become proficient in the use of the TI 83+ graphing calculator. Algebra 2 topics include the following:

- Equations and Inequalities
- Linear Relations and Functions
- Systems of Equations and Inequalities
- Quadratic Functions and Relations
- Polynomials and Polynomial Functions
- Inverse and Radical Functions and Relations
- Exponential and Logarithmic Functions and Relations
- Rational Functions and Relations
- Conic Sections
- Sequences and Series
- Statistics and Probability
- Trigonometric Functions
- Trigonometric Identities and Equations

Grading Procedures

Homework. Practice of a skill or concept is necessary to learning. Homework related to the lessons will be assigned on a regular basis. All work should be shown on homework...not just the answers. **Late papers will be accepted following the procedure outlined in the student handbook.**

Quizzes will usually be unannounced and administered as appropriate.

Major tests are announced and a review is provided before administration.

Six-week average. The six week average will be computed using the following ratios.

40% The average of class work, homework, and quizzes.

60% The average of the major tests given in the nine week period.

Semester Average. The semester average will be computed using the following ratios.

3/7 1st nine week average

3/7 2nd nine week average

1/7 Final Exam-assesses all concepts for the semester.

Student Expectations

1. Be punctual and prepared.
2. Actively participate in classroom.
3. Respect others and their property.
4. Conduct yourself so that you do not interfere with the learning of others.
5. Be proud to be an Eagle from LBJ High School – Johnson City!

Cell Phone Use

Cell phone use is not permitted during the school day.

Discipline plan for inappropriate behavior

1st offense - redirection; verbal or nonverbal

2nd offense – redirection; verbal

3rd offense – written referral

Significant disruption or specific violation of the Student Code of Conduct – written referral or removal from class.