

# Casa Grande Union High School Mathematics Department Syllabus

**Course:** Algebra II

**Instructor:** James Shapiro

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**Office:** Building C, Room 103

**Office Hours:** Mon-Thurs 3:15-3:35 pm

**Website:** mathsmn.org

## Course Description

***This is the third course in the college-prep sequence.*** Students study algebra, including writing, solving and graphing multi-step linear and quadratic equations, functions and inequalities as well as systems of equations and inequalities. Also included are factoring and operations with polynomials and radicals.

The material covered over the entirety of the year will include, but will not be limited to the following areas:

- Expressions, Equations, and Inequalities
- Functions, Equations, and Graphs
- Linear Systems
- Quadratic Functions and Equations
- Polynomials and Polynomial Functions
- Radical Functions
- Rational Exponents
- Exponential and Logarithmic Functions
- Rational Functions
- Sequences and Series
- Probability
- Statistics
- Periodic Functions
- Trigonometry

**Class attendance** and punctuality are required. If you are not within the class when the late bell rings you marked tardy on attendance records.

**Materials** required for class:

- you will need pencils for writing (preferably no ink)
- paper to write on, lined and graph.
- Your book for class will be provided
- a graphing utility is strongly recommended but not required.

**Knowledge**-Students are required to do:

- signed number arithmetic
- operations with fractions
- correct order of operations by hand
- solve equation with single and multiple steps

Students are required to check their arithmetic on the calculator, using appropriate parentheses when necessary. Calculator skills are useful and required for further math study

**Semester Grades:**

40%Q1, 40%Q2, 20%E1

40%Q3, 40%Q4, 20%E2

All students take the final exam each semester. (NO EXEMPTIONS OF ANY KIND)

**Testing Protocols**

- Students that come to class without their computer will need to check one out at the tech center. Students will not be given extra time testing.
- Charging laptops will not be allowed on test days. Be prepared.
- Teachers will supply scratch paper for use during the tests. Teachers will collect all scratch paper at the end of the testing session.
- Test taken in 1 sitting--students may not return later to finish the test.
- Students with a scheduled excused absence (including extracurricular) that requires early dismissal must NOT begin a test. Students must notify their teacher prior to testing and make arrangements to test in a single session within one week of the original test date.
- Cell phones must be placed in students bags away from their desk in the room. If a student is caught with an unauthorized device during a test the teacher will confiscate the device, write a referral and turn it into the office. Student will receive a zero on the test and will not allowed to retake the assessment.
- When a student completes their test they are expected to close their device.

**Absent Testing Policy:**

Students absent on test days will need to make arrangements to take the test during teacher's office hours (before or after school) within one week of the missed test date.

## Testing Retake Policy:

Students will be allowed to retake each chapter test.

Retakes must be taken outside of class time.

In order for students to retake unit tests they must:

1. The calendar for retakes is, as follows:

Chapters 1-4:	November 22
Chapter 5	December 13
Chapter 6	December 16
Chapters 7-11	May 1
Chapters 13-14	May 15
2. Student must **complete** the retake review on Pearson MathXL (must score 70% or above)
3. Highest grade possible on a retake is 100%.
4. Retakes are not allowed on the final exam or on exams that received a zero for academic misconduct.

## Grading

**Official grades are only posted in PowerSchool. Grades posted on any other system are for progress advisory only and are NOT official.**

The CGUHSD mathematics department understands the importance of preparing students for the future. We are dedicated to helping your child succeed. In order for this to happen, students may need to obtain help outside of the classroom if they begin to struggle. Tutoring is available for free on campus before and after school. If you find that you are starting to struggle talk with your math teacher for additional help and resources.

## Additional online help:

Pearson Realize- accessed through PowerSchool. Available for all student enrolled in all levels of Algebra I, Geometry and Algebra II. Contains student textbook, PowerPoints, videos, and other additional resources.

MathXL- Accessed through PowerSchool. Available for all student enrolled in all levels of Algebra I, Geometry, and Algebra II. Contains homework help, videos, and additional resources.

<https://www.khanacademy.org> - Khan Academy is a non-profit educational organization created in 2006 by educator Salman Khan to provide "a free, world-class education for anyone, anywhere". The organization produces micro lectures in the form of YouTube videos.

## Plagiarism:

Plagiarism is defined as presenting the work of another as one's own. More than four consecutive words from a source other than the writer constitute plagiarism when the source is not clearly identified in appropriate documentation format.

Plagiarism includes, but is not limited to, the use of paraphrase or direct quotation, of the published or unpublished work of another person without full and clear acknowledgement. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials.

## Academic Misconduct:

You are expected to do your own work on all assignments including quizzes and tests. Failure to do so will result in a grade of zero and possible disciplinary action. Accessing a test or quiz outside of class without permission from your instructor will result in a zero and referral for academic misconduct. Having your cellphone out, will result in a zero and referral for academic misconduct. Cell phones and other electronic devices must be stored in the student's bag, away from their desk during tests. Retakes are not allowed on any assignment, quiz, or test that received a zero for academic misconduct.

## Quarter Grade Breakdowns:

Algebra II	
Common Assessment	50%
Quiz	25%
Extended Learning	25%

### Extended Learning:

- Homework Assignments
- Project (min of 1 each quarter)
- Discussion Posts
- Classwork
- Completed Study Plan

## Late Work

Generally, you will have two school days before you are penalized for late work. The penalty will be 20% per day on the work not correct or completed. For example, if you originally score 50% on the homework (and then correct the problems on the third day, your 50% will be raised to a 90%, on the fourth day 80%, and so on. It is the student's responsibility to inform the instructor, by email ([jshapiro@cquhsd.org](mailto:jshapiro@cquhsd.org)) that an assignment is to be regraded. Please make sure you identify to which assignment(s) you are referring.

## **MR. SHAPIRO'S CLASSROOM RULES**

There are to be no drinks in class, with the exception of bottled water. There is to be no food, gum, candy, or snacks in class, unless provided by the teacher. Failure to obey this rule will result in a detention and serving a lunch detention with Mr. Shapiro.

In keeping with the school's Responsible Use Agreement (RUA) no electronic devices such as cell phones, pagers, MP3 Players, radios, electronic games (Gameboy, etc) or similar devices. If you have them, make sure that they are turned off and kept in your backpack. If they are brought out or go off in class, they will be confiscated without prior warning. This includes earphones and ear buds; they are not to be out.

If you decide not to work, this is not an acceptable choice. You must keep up with the class and not impede any student from getting an education.

You must come prepared to work each day. This means having your computer, your notebook with paper, and a pencil. Math is NOT to be done in ink.

You must show all your work for homework; I do not need just an answer sheet. Failure to show your work on homework will provide you with no credit for the work.

Passes will not be given out during the first 20 or last 15 minutes of class. Passes will only be given out for emergencies during the first or last period of the day.

If there is a substitute teacher in my place, passes will not be given out, period. Any behavior modifications given for a substitute will be automatically doubled. <Always behave when we have company.>

Unless I have campus duty or some other meeting, I am usually available for help every day from 7:30 – 8:00 before school and from 3:05 – 3:35 after school. With prior arrangements, I may be able to stay later.