

# COURSE SYLLABUS

# ALGEBRA I

Spring 2017

Teacher: Craig Story

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Room: 121 Blue Hall

School #: 770-266-4559

Tutoring: Tuesdays 3:00pm – 4:00pm

**GSE COURSE DESCRIPTION:** Algebra I is the first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. This is an EOC course. The EOC is given at the end of the semester and is a requirement to earn credit for the course.

Units of Study for the Semester are:

- **Unit 1:** Relationships between Quantities
- **Unit 2:** Reasoning with Linear Equations and Inequalities
- **Unit 3:** Modeling and Analyzing Quadratic Functions
- **Unit 4:** Modeling and Analyzing Exponential Functions
- **Unit 5:** Comparing and Contrasting Functions
- **Unit 6:** Describing Data

### **GSE Content Standards:**

MGSE9-12.N.RN.2-3	Use properties of rational and irrational numbers
MGSE9-12.N.Q.1-3	Reason quantitatively and use units to solve problems
MGSE9-12.A.SSE.1-2	Interpret the structure of expressions
MGSE9-12.A.SSE.3	Write expressions in equivalent forms to solve problems
MGSE9-12.A.APR.1	Perform arithmetic operations on polynomials
MGSE9-12.A.CED.1-4	Interpret the structure of expressions
MGSE9-12.A.REI.1	Understand solving equations as a process of reasoning and explain the reasoning
MGSE9-12.A.REI.3-4	Solve equations and inequalities in one variable
MGSE9-12.A.REI.5-6	Solve systems of equations
MGSE9-12.A.REI.10-12	Represent and solve equations and inequalities graphically
MGSE9-12.F.IF.1-3	Understand the concept of a function and use function notation
MGSE9-12.F.IF.4-6	Interpret functions that arise in applications in terms of the context
MGSE9-12.F.IF.7-9	Analyze functions using different representations
MGSE9-12.F.BF.1-2	Build a function that models a relationship between two quantities
MGSE9-12.F.BF.3	Build new functions from existing functions
MGSE9-12.F.LE.1-3	Construct and compare linear, quadratic, and exponential models and solve problems
MGSE9-12.F.LE.5	Interpret expressions for functions in terms of the situation they model
MGSE9-12.S.ID.1-3	Summarize, represent, and interpret data on a single count or measurement variable
MGSE9-12.S.ID.5-6	Summarize, represent, and interpret data on a single two categorical and quantitative variables
MGSE9-12.S.ID.7-9	Interpret linear models

\* For further information about the Algebra I Standards, please go to [www.georgiastandards.org](http://www.georgiastandards.org) and click on Mathematics.

### **MATERIALS:**

Bring to class DAILY: iPad (charged), 3-ring binder (1"), pencil, and paper

### **EXPECTATIONS:**

- All students must come to class each day prepared and with the required materials.
- All students are expected to do all the work that is assigned. Assignments (including homework) are designed to help students master the standards. Practice is an important part of learning the material covered.
- All students will be expected to participate in all classroom learning activities. Quizzes are used as a means of helping students discover misconceptions early. If ever students do not fully grasp the concepts covered in class, they are encouraged to come to tutoring for extra help.
- All students should try to attend class every day. If absences are unavoidable, it is your responsibility to make up missed assignments quickly (typically 2-3 days). Times can be arranged to make up tests and quizzes after school. Missing additional class time to make up work is not acceptable. Assignments not turned in by the deadline will count as "0".
- No food or drink (except bottled water) should be consumed or visible in the classroom.
- A classroom atmosphere that emphasizes learning and the respect for other students' right to receive an education will be maintained. The Student Code of Conduct will be enforced. Consequences for violations include, but are not limited to, warnings, detention, parent contact, and office referral.
- **iPads are not to have unapproved apps on them.** Approved apps can be found in the selfserve app. Misuse of the iPad will follow the same consequences as other electronic devices.
- **Cell phones will not be allowed during assessments.** Use of electronic devices (iPads, cell phones, etc.) at other times is at the discretion of the teacher. See the code of conduct for further information about consequences.

- **No earbuds/earphones are allowed to be worn around one's neck or be resting in one's ears during class time.** (Unless permission is given to student by the classroom teacher.)
- **All students should:** pay attention, follow directions, maintain personal space, complete all assignments, stay quiet and focused during instructional time, be on-task.
- **Absolutely NO Horseplay, cutting up (hitting, slapping, calling of names, profanity) is allowed in this classroom.** If these things happen, student may receive disciplinary action.

#### **GRADING SCALE:**

- ✓ Learning Activities 24%
- ✓ Quizzes 20%
- ✓ Tests 36%
- ✓ EOC 20%

#### **RESTROOM POLICY / HALL PASSES:**

Your whereabouts is the teacher's responsibility during the time you are assigned to be in the teacher's class. There is time provided during breaks between classes to use the restroom and get water. If you need to use the restroom during class time, please wait for an appropriate time to ask and do not interrupt instruction if possible. If you do not return within a reasonable time (5 minutes, usually), you will be considered "skipping/out of area", which may result in detention or discipline referral. If you have a medical issues requiring frequent restroom access, please provide a **doctor's note** and inform your teacher so appropriate accommodations can be made. Any time you leave the classroom you must have a pass, go straight to your destination, and return to class immediately. You are NOT allowed to leave the room during the first and last 20 minutes of each class.

#### **IF YOU NEED SOMETHING FROM THE TEACHER DESK:**

NEVER touch the items in or on the teacher desk, the shelves behind the teacher desk, the filing cabinets, the computer, or smart board without permission. If you need something, ask permission first.

#### **IF YOU FINISH YOUR WORK EARLY:**

If you finish an assignment early, please wait quietly to begin the next activity. Remember others may not be done...

#### **IF SOMEONE KNOCKS AT THE DOOR OR CALLS OVER THE INTERCOM:**

Please wait quietly while I deal with the situation. Never open the door yourself and never answer the intercom for me.

#### **GROUPS:**

You will not complain about who is in your group. You will be polite to the other members of your group and contribute to your group. Remember, real life means not always being able to work with your friends.

#### **IF THERE IS AN EMERGENCY DRILL OR SITUATION:**

I take this very seriously! You will follow the proper procedure as directed by me and/or other school personnel.

#### **ANNOUNCEMENTS:**

Everyone is expected to listen quietly in their seats until the announcements via the intercom or television are over.

#### **WHEN THE BELL IS ABOUT TO RING:**

Do not pack up early. Make sure you stay seated until I dismiss you. Remember: I dismiss you NOT the bell.

*I want all of you to have a great semester. Here are a few suggestions to help you to be successful:*

1. *Set aside a quiet place and time to do your homework and review notes.*
2. *Don't wait until the day before a test to get extra help.*
3. *Get organized!*
4. *Get your work done and turned in on time.*
5. *Have a good attitude and believe in yourself.*
6. *Set some goals for yourself and don't give up on them.*

***Be sure to strive to do your best daily. I am happy to have you in this class!***

**Mr. Story's Algebra I Course - Spring 2017**  
**STUDENT/PARENT AGREEMENT:**

I have read both pages of the syllabus.

I understand that students will be expected to be in class, on time, every day, and it is the responsibility of the student to make up any missed work.

I understand that students will be expected to bring a pencil, iPad, paper, and binder to class every day. You may bring your own scientific or graphing calculator (if you'd like), but I will have calculators for you to use.

**I understand that game apps are not allowed to be played on my iPad during instructional time. The iPad is for educational learning. I know I must bring my iPad to class daily and that it must be charged for each school day.**

**I understand that cell phones are not to be out during instructional time. I understand that use of the cell phone may result in disciplinary action.**

**I understand that earbud/earphones are not allowed to be used in class (they also cannot be around the student's neck or just sitting in their ears) unless the student has received direct permission from the classroom teacher that day.**

I understand that students will be expected to act with respect for the teacher, peers and the school's property.

I understand that students can get extra help from my teacher after school on tutoring days.

I understand that students will leave the class only to use the restroom according to class policy.

I understand that there will be **no eating or drinking** in class (except water).

I understand that my grade can be viewed in the online at [www.wcpsgrades.org](http://www.wcpsgrades.org)

\_\_\_\_\_  
Student name (printed)

\_\_\_\_\_  
Student signature

\_\_\_\_\_  
Parent/guardian name (printed)

\_\_\_\_\_  
Parent/guardian signature

Best Parent/Guardian E-Mail \_\_\_\_\_

Best Parent/Guardian Phone Number \_\_\_\_\_

***Feel free to use the back of this sheet to include any other information you would like***

*for me to know about your student. Thank you very much! -Mr. Story*