**COURSE OUTCOME:**

* **Course Description**

A preparatory course that places an emphasis on the systematic development of the language through which most of mathematics is communicated. Provides the mathematical understanding to operate with concepts at an abstract level, then apply them in a process that fosters generalizations and insights beyond the original content. Successful completion of this sequence prepares students for Geometry.

* **Hyperlink to State Algebra I Practices and Standards:** <https://www.tn.gov/assets/entities/education/attachments/std_math_algebra_I.pdf>

**INSTRUCTION:**

* **Topics/Skills Covered**

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions.  The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Topics Covered In This Course:**

* Relationships & Functions
* Linear Equations and Inequalities
* Linear Functions
* Systems of Linear Equations and Inequalities
* Exponential Functions
* Polynomial Expressions and Functions
* Quadratic Functions
* Quadratic Equations
* Function Overview
* Statistics
* **General Pacing**

Algebra 1 consists of 10 units that focus on primary topics with a State End of Course Exam. The pace of the course depends on the length and material contained in each unit, as well as the students understanding of the material.

* **Materials Needed**

\*Graphing Calculator - TI-84 Plus recommended

\*1 ½” or 2*"* three ring binder with 3 divider tabs  
\*Composition Book  
\*Loose-leaf notebook paper

\*Loose-leaf graph paper

\*Pencil and Eraser

* **Fees**

The math fee for this course is $5.00. This fee is for the purpose of upkeep of graphing calculators, providing batteries for the calculators, and supplies for classroom use.

* **Resources**
  + Students will be using supplemental materials for this course such as teacher made activities as well as online activities and assignments.

**ASSESSMENT:**

* **Expectations**

Algebra 1 students will be expected to master all materials listed in the Tennessee State Standards. Mastery will be determined by daily assignments, quizzes, unit tests, and the State End of Course Exam.

* **Grading Policy**

Grades will be determined by accumulation of points.

Grade Scale:

A 93-100

B 85-92

C 75-84

D 70-74

F below 70

* + Chapter Tests and Quizzes – 45% of total grade
  + Homework , Class Assignments and Projects – 40% of total grade
  + State EOC Exam – cumulative exam which will count 15% of final grade
* **Explanation of Assignments & Projects**

Algebra 1 students will be expected to complete class assignments on a daily basis. Completion of daily assignments is critical to learning Algebra 1. Students will be required to maintain a notebook throughout this class. This notebook will contain pertinent information that will serve as a guide for the course.

* **Make-Up Work Policy/Late Work Policy**

Students must obtain make-up work from the teacher within 3 school days upon their return from an absence. Teacher will provide appropriate deadline for makeup work. Any work that is turned in late will have a deduction in points for each day that it is late. Tests and quizzes must be made up before or after school (or during the 45 minute enrichment block). ***They cannot be made up during class*.** Scheduling a time to make tests up is the responsibility of the student!

* **Portal Post Policy –**

One way in which I am able to communicate with the student and parent is through the Family Portal. Assignments will be posted weekly to Aspen, and grades will be updated as assignments are completed and graded.

**GENERAL EXPECTATIONS:**

* **Students:**
* **Attendance Policy *will follow the Gibbs High School student handbook.***
* **Classroom Policy/Procedures**
* **Classroom Rules:**
  + Be on time
  + Be prepared
  + Be respectful
  + Pay attention
  + No food or drink
* **Notes & Homework:**

Students are required to take notes daily during instruction. These notes will serve as a study guide for the lesson. Homework assignments should be completed and are subject to be collected at any time. Homework grades are based on the student’s ability to accurately complete problems similar to those done in class**.**

* **Honor Code**

Students are expected to do their own work. This includes class work, projects, tests, quizzes, etc. If students are found to be in violation of the Honor Code, a zero will be given on the assignment.

* **Plagiarism**

According to Harbrace Handbook, 15th edition:

“Plagiarism is defined as presenting someone else’s ideas, research, or opinion as your own without proper documentation, even if it has been rephrased.  It includes, but is not limited to the following:

* + - * Copying verbatim all or part of another’s written work;
      * Using phrases, figures, or illustrations without citing the source;
      * Paraphrasing ideas, conclusions, or research without citing the source;
      * Using all or part of a literary plot, poem, or film without attributing the work to its creator.”

Consequences of Plagiarism

Plagiarism is a form of stealing and academic fraud.  Students who are found guilty of plagiarism will have the option of either redoing the assignment within a specified time period and accepting a grade letter drop or taking a zero on the assignment.  Parents should be involved in making the decision.

* **Teacher:**
* **Communication Strategy:**
* Students are encouraged to communicate any problems they may be having with class content, projects, etc. to the teacher. Students are encouraged to check their grades on the portal.
* Parents are encouraged to email or call the teacher with any questions or concerns at any time.
* **Intervention Strategy:**
* Tutoring will be available in the Pilot FlyingJ Tutoring Center before and after school. Tutoring may be available during the 45 minute Enrichment block unless your student is already receiving intervention services during that time. Tutoring will also be available with the teacher by appointment.