

### *Leon High School*

###  550 E. Tennessee St.

### Tallahassee, FL. 32308

 **850.617.5700**

**Course: Algebra 1 12003100 Teacher: R. Zimmerman**

## **Credit: 1 e-mail:** **zimmermanr@leonschools.net**

**Website:** [**http://www.leonschools.net/domain/4405**](http://www.leonschools.net/domain/4405) **Online Text:** [**http://www.pearsonrealize.com**](http://www.pearsonrealize.com)

I. COURSE DESCRIPTION:

The purpose of this course is to examine and learn algebraic concepts. Including, but not limited to: the concepts of variables, constants, expressions, equations, and functions. Other major topics include solving equations, simplifying expressions, understanding order of operations, performing operations with positive and negative numbers, exploring polynomials, factoring, graphing (linear and quadratic equations), working with radicals, and expanding arithmetic knowledge. This course will provide the foundation for Geometry and Algebra 2.

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#### This course will meet the graduation requirement for: Secondary Grades Mathematics: Algebra 1

II. COURSE GOALS & OBJECTIVES:

Students will able to:

* + Use new vocabulary terms which will enable them to read and discuss conceptually challenging text.
	+ Graph a linear equation or inequality in two variables.
	+ Solve systems of linear equations and inequalities in two variables.
	+ Add, subtract, multiply, and factor polynomials.
	+ Solve and graph quadratic equations.
	+ Simplify & solve radical expressions and equations
	+ Decide whether a solution is reasonable in the context of the original situation.

III. TEXTBOOK:

**PEARSON: Algebra 1**. Cost: $61.97

\*Student will be responsible for the replacement cost if lost or damaged.

IV. SPECIAL COURSE REQUIREMENTS & MATERIALS:

1. Daily Supplies
* Notebook paper (Lined)
* Pencils
* 3 prong folder with pockets
* 4 FUNCTION calculator with +/-, & √ keys (or **TI30XA**)

2. **AVAILABLE RESOURCES:**

* + Textbook website: [**http://www.pearsonrealize.com**](http://www.pearsonrealize.com) **\*PASSWORDS WILL GIVEN LATER.**
	+ Online Grades: [TBA](http://www.oasis.leon.leon.k12.fl.us.com)
	+ ACT prep: [www.actonlineprep.com](http://www.actonlineprep.com)
	+ SAT prep: [www.collegeboard.com](http://www.collegeboard.com)
	+ Kahn Academy; Accessed through my website!

**V. COUNTY GRADING POLICY**:

The high school grading system for Leon County Schools is as follows:

Letter Percentage Points

A 90-100 4.0

B 80-89 3.0

C 70-79 ` 2.0

D 60-69 1.0

F 0-59 0

**VI. \*TEACHER GRADING POLICY:**

1. Student grade will be the percentage of total possible points earned each nine weeks.\*
* Each test is worth 100 points. There will be approximately 5 to 7 tests each nine weeks.
* Homework will be worth approximately 100 points; for each 9-weeks. (Equivalent to1 test grade.)
* Quizzes will be worth 50 points each (1/2 of a test grade)
* There will be a daily Bell Ringer Quiz consisting of 1 question, worth 10 points.
After 10, it will be recorded as a quiz grade and counted as half of a test grade. Students will be able to make up (with my help if necessary), for half credit (5 points), any bell ringer quiz question that they’ve actually missed on a prior attempt. **Students must also make up all bell-ringers missed due to being absence!**

\*The teacher reserves the right to modify the format for the class grade without notice.

1. Conduct grade will be as follows:
* Students who receive a 4 must be prepared, attentive, hardworking, and respectful; at all times and go above and beyond to show it.
* Students who receive a 3 must be prepared, attentive, hardworking, and respectful.
* Students who receive a 2 are not always prepared, attentive, hardworking, and respectful; regularly.
* Students who receive a 1 are those students who are not prepared, attentive, hardworking, or respectful; on a regular basis.
1. **Obviously, students are not permitted to copy homework or tests from another student. Additionally, Students are not permitted to allow another student to copy homework or tests from them. Either offense will result in a zero for BOTH students on the homework assignment or assessment and will be reported to the administration.**

 **VII. CLASSROOM MANAGEMENT:**

 **Rules:**

* **All SCHOOL RULES will be enforced.**
* **Assignments:**
	+ When an assignment is given, I expect it to be done by the **NEXT DAY**. Homework will be collected DAILY, but graded periodically. Make sure you keep up; you never know which assignments will be counted. Also, it is ***YOUR*** responsibility to make up any missed assignments/assessments. **You MAY NOT turn in any late work after you've taken the test covering that specific material! It must be turned in prior to taking the test.**
* **Seating Chart:**
	+ You will be assigned a specific seat in class. Roll will be taken from that seating chart. You must be inside the classroom by the time the bell finishes ringing to be considered on time. Please sit in your seat immediately after the bell rings so roll can be taken. If you don’t find your seat in an expedient manner, you will also be marked tardy.
* **Attendance:**
	+ Remember that once you get 4 unexcused absences per 9-weeks, your grade will be an F for that grading period. Also, every 4 tardies = 1 absence. Each late (more than 10 minutes tardy) also = 1 absence. **\*\*\*Absences must be excused within 3 days for make-up work to be counted!\*\*\***
* Upon entering classroom, pick up bell-ringer from basket, be seated quietly, take out supplies and homework, and **BEGIN** bell-ringer immediately.
* 1 bathroom pass per nine weeks; per student.
* **Non Academic Electronic Devices are not permitted in class. Turn off cell phones, and remove from sight any listening/entertaining devices you may have.** (iPods, MP3's, any earphone/earpieces/wires, Gameboys…)

**VIII. \*\*COURSE OUTLINE:**

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| --- | --- | --- | --- |
| 1st Nine Weeks | 2nd Nine Weeks | 3rd Nine Weeks | 4th Nine Weeks |
| Chapters 1-4 and EOC Baseline & Training | Chapters 4-6 and Exam Review and PM MID TERM | Chapters 7-9 and Progress Monitoring | Chapters 12, 11 & 10 and EOC Review |

\*\*Course outline is a rough guideline. Some chapters may be started in one nine weeks and finished in another. The pace will be adjusted as necessary.