Algebra 1 Syllabus

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| InstructorSheri WoodallPhone(940)202-2536 EmailSheri.woodall@tiogaisd.netRoomA209Conference 2:41-3:27pmTutoringMon & Fri mornings7:30am-8:00amThursday afternoons3:30pm – 4:00pm | Course OverviewThe purpose of this course is to satisfy the Algebra 1 requirements of the Texas Essential Knowledge and Skills and prepare students to pass their End of Course exam. This course extends on previous mathematic courses and introduces more advanced topics: solving, graphing, and writing linear equations and inequalities, linear systems, exponential and quadratic functions, and factoring.Course Objectives:Linear Functions. Equations. & Inequalities:* Use linear properties to write & represent in multiple ways
* Understand linear function key features & related transformations

Quadratic Functions & Equations:* Use quadratic properties to write & represent multiple ways
* Understand quadratic graphs & their transformations

Exponential Functions & Equations* Use exponential properties and related transformations to write, graph & represent in multiple ways

Number & Algebraic Methods:* Use algebraic methods to rewrite in equivalent forms & perform operations on polynomial expressions
* Use algebraic methods to write, solve, analyze, & evaluate equations, relations, & functions

Class Supplies* 1 ½ in binder
* Pencils!!! ;)
* Filler paper (college ruled preferred)
* 1- 4 pack of triple ‘A’ batteries
* Kleenex
* \*not required but much appreciated; color copy paper (not dark colors) pastel or neon would be great!

ResourcesWe will use the text book some but mainly teacher-made notes and worksheets.* Textbook: TEKS Texas Algebra 1, McGraw Hill Education

Class Rules * Arrive on time.
* Raise your hand before speaking.
* Listen to others and participate in cla**ss** discussions.
* Stay on task.
* Do your assignments.
* Bring materials and have them ready.
* Listen to/Read/Follow directions.

In other words, act right & use your manners…* \*District Policies always apply.
* Consequences: 1st offense = warning. We shouldn’t have any trouble afterwards… Further consequences depends on the situation and could result in parent contact or office referral.
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# Course Outline

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| Semester 1 Units | Subject | TEKS |
| 1 | Algebra Basics (Review) | A.2A, A.5A,B |
| 2 | Multi Step Equations & Inequalities | A.5A,B, A.12E |
| 3 | Relations & Functions | A.2A, A.3C, A.12A,B,C,D |
| 4 | Linear Equations | A.2B,C,E,F,G, A.3A,B,D,F, A.4A,B,C |
| Mini Unit & Review | Direct Variation | A.2D |

# Semester 2 Units

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| 5 | Systems of Equations & Inequalities A.2HI, A.3D,F,G,H, A.5C |
| 6 | Exponents & Exponential Functions A.9A,B,C,D,E, A.11A,B, A.12D |
| 7 | Polynomials & Factoring A.10A,B,C,D,E,F |
| 8 | Quadratic Equations A.6,A,B,C, A.7A,B,C, A.8A,B |

# Homework Policy

Homework will be due the 2nd day after assigned. My reasons are as follows: 1) this allows students to try their independent work on the first day and use the next day to ask questions before or after class; 2) it is a buffer for student extracurricular activities, 3) less excuse for late papers. Caution: don’t let assignments pile up!

Late Papers: we don’t want any! But if it happens, 1 day = -10 points, 2 days = -20 points, 3 days = -30 points. All unit assignments must be turned in before the Unit Test. If an assignment is turned in more than 3 days late but before the Unit Test, the highest possible grade is a 55. After the Unit Test, it is a zero.

# Make-up Work Policy

A student will have the number of days absent (excused) plus one to turn in make-up work.

# Grading Policy

Tests/Projects = 60%

Dailey, Homework, & Quizzes = 40%

For ease of school/home communications, please fill out the info needed below, sign, and return it to school as soon as possible. E-mail communications work best for me, but please indicate your preferred mode of communication.

I’m looking forward to a great school year,

Sheri Woodall

(Just return this portion to Mrs. Woodall’s math class… keep the upper portion for your use… Thanks)

Student name:

Parent/Guardian names:

Parent/Guardian e-mail address:

Day time phone numbers:

Will you be using Parent Portal?

Any other info you would like to share:

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_