

ALGEBRA I Honors Syllabus

2011-2012

Mr. Don Miller

Course Description

Algebra I is designed to prepare today's students for tomorrow's world. We will explore and discover new math concepts, connecting algebra to the real world and to other subjects and math topics. Success in Algebra I is essential in building a strong foundation for future math courses. We will emphasize graphing using a graphing calculator as a problem-solving tool. We will apply algebra skills to geometry, data analysis, probability and discrete mathematics. Students will be required to pass the final exam to earn Algebra 1 High School Credit.

Homework

Students will be issued a textbook that they are expected to keep at home. Homework must be completed on loose-leaf paper or worksheets that are provided. Unless otherwise stated, all work must be shown. Homework will be given daily and checked at the beginning of class on the next school day. Homework missed due to an absence can be obtained through www.edline.net. The textbook is also available online with additional resources through <http://angel.sarasota.k12.fl.us>.

Contacting the Teacher

You may contact me by email at DonaldMiller@ssas.org.

I try to answer email promptly and usually with 24 hours. You may also contact me by phone. (941 330-1855 ex. 114) Please leave your name, your child's name, a phone number where you can be reached, and the issue that is to be addressed. It is also helpful to let me know a good time to call. I try to return phone calls at the end of the school day. Conferences will be scheduled during the year to meet and talk about your child. Please do not pop in before or after class to discuss a concern. I have up to 140 students and need this time to organize my materials, check assignments and help students. I would prefer to talk to you about your child when I can give you my full attention and not be overheard by other students.

GRADING:

5%	Bellwork	35%	Tests
30%	Homework	30%	Quizzes

COURSE CONTENT

Text – Glencoe McGraw-Hill Florida Algebra 1

First Quarter: Chapter 1 – Union/Intersection, Expressions, equations and functions,

Chapter 2 – Linear equations, Chapter 3 – Linear functions

Second Quarter: Chapter 4 – Linear functions and relations, Chapter 5 – Linear Inequalities, Chapter 6 – Systems of equations and inequalities, Matrices

Third Quarter: Chapter 7 – Polynomials, Chapter 8 – Factoring and quadratic equations,

Chapter 9 – Quadratic and exponential functions

Fourth Quarter: Chapter 10 – Radical functions and geometry, Chapter 11 – Rational functions and equations, Chapter 12 – Statistics and probability

Mr. Miller Classroom Agreement

Complete this form and return to Mr. Miller by Wednesday

Graphing Calculator Policy

I understand that Algebra 1 at SSA+S requires each student to own a TI-83 or TI-84 graphing calculator. These calculators retail from \$90 - \$130 each. This calculator is required for use each day in the classroom and at home. SSA+S is not responsible for lost or stolen calculators so it is suggested that students find a safe place to store their calculators.

Home Computer Policy

I understand that students are required to check their grades and assignments using *www.edline.net*. Students may also access the on-line textbook and additional resources at *http://angel.sarasota.k12.fl.us*.

If the student does not have access to a computer at home for this purpose, please check the box below and other arrangements can be made with the teacher.

My student does not have access to a computer at home.

Signatures

I have read and agree to the class syllabus, classroom procedures, graphing calculator policy and home computer policy. I understand that I may also access the syllabus, procedures and current grades throughout the school year on-line through *www.edline.net*.

Student Name _____ Date _____ Per. _____

Student signature _____

Parent/Guardian signature _____ email address _____

Note: Email is Mr. Miller's preferred method of initial communication

Which is the best time to call the parent/guardian and at what phone number?

8:00 – 9:00 AM at _____

9:00 – 10:00 AM at _____

4:30 – 5:30 PM at _____

6:30 – 9:00 PM at _____