



South Fort Myers High School

2014-2015

Course Title: Fundamental Algebraic Skills

Room: 174

Course Length: 36 weeks

Credit: multiple

Teacher: Mrs. Gina Fishtorn

Conference Time: by appointment

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COURSE DESCRIPTION: 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 functions.

Course Outline:

- Foundations of Algebra
- Solving Equations
- Solving Inequalities
- An Introduction to Functions
- Linear Functions
- Systems of Equations and Inequalities
- Exponents
- Polynomials and Factoring
- Quadratic Functions and Equations
- Radical Expressions

REQUIRED TEXTS:

- Prentice Hall Algebra I

METHOD OF EVALUATION:

Classwork: 40%

Projects/Writings 20%

Participation: 10%

Tests/ Quizzes 30%

SUPPLY LIST: (mandatory)

- Pen or pencil to be used daily
- Folder to keep assignments
- 1 subject notebook
- Notebook paper

Wish List

- 1 Ream of copy paper
- 1 pack of colored pencils
- 1 box of facial tissues