



**South Fort Myers High School**  
**Algebra 2**  
**2015-2016**

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**Course Content:**

Quarter 1

Analyzing functions  
Sequences and series  
Complex numbers/Quadratic equations  
Polynomial functions and equations

Quarter 2

Rational functions  
Rational expressions/equations  
Radical functions  
Radical expressions/equations  
Exponential functions  
Logarithmic functions  
Logarithmic properties/Exponential equations

Quarter 3

Trigonometric functions  
Probability  
Statistics

Quarter 4

Statistics and data analysis  
Master the concepts

**Grading Policy:**

There are four categories in determining a student's grade:

Tests	35%
Quizzes	25%
Classwork/Bellwork	20%
Homework	20%

**Tests** – I will let you know in advance when a test is coming up. You are allowed to use a scientific calculator, if you have one, when taking tests. I will usually provide an extra credit question. We will generally have 2 -3 tests each quarter.

**Quizzes** – I will let you know in advance when a quiz is coming up. You are allowed to use a scientific calculator, if you have one, when taking quizzes. I will usually provide an extra credit question. We will have quizzes regularly to help you manage your progress.

**Checkpoints** – Once each quarter a diagnostic assessment will be administered in each class. The purpose of the checkpoints is to ensure that each student is able to grasp and apply the course concepts.

**Classwork** – Classwork will be assigned on a regular basis. I will check this work and count it as a grade. We will have at least 10 - 12 classwork grades each quarter. *All figures and work must be shown for full credit and must be written in pencil.*

**Homework** – Homework will be assigned on a daily basis. *All figures and work must be shown for full credit and must be written in pencil.*

**Make-Up Work** – If a student is absent, he/she needs to make-up assignments/tests/quizzes missed. For the number of days that a student misses, that amount of time plus one day will be how much time he/she will have to complete a make-up assignment/test/quiz. The student is responsible for identifying missed work and completing it on time.

**Grading Scale:** 90-100 A    80-89 B    70-79 C    60-69 D    0-59 F

**Extra Credit** – This will be awarded during quizzes and tests, and may also be made available to an entire class at the discretion of the teacher throughout each grading period.

**Tutoring** – I will be available after school if you need help. Those that have come by for help usually benefit and see their grades improve. I will also answer questions you may have about assigned homework.

**Attendance Policy** – The school's attendance policy will be enforced.

**Tardy Policy** – Students are expected to be in their seats on time, prepared for class and working on the daily bell ringer.

**Supplies:**

- Three-ring binder with dividers
- Notebook paper – college or wide-ruled, not spiral
- Pencils and erasers
- Scientific calculator
- 3 Highlighters of different colors
- Index cards (package of 3x5)

**Food and drinks** – Food is not permitted in the classroom. You may bring in water to drink.

**Cell Phones and Electronic Devices** – Unless specifically directed by the teacher, cell phone use is not permitted in class. If cell phones are out or on during a test or quiz you will be given a zero on that test or quiz.