Functions Syllabus

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**Materials Needed**

1. Graph Paper
2. TI-84+ graphing calculator
3. Metric/English Ruler
4. Notebook
5. Binder

**Textbook:**

1. Contemporary College Algebra & Trigonometry, A Graphing Approach

**Expectations**

 I expect that each of you will come to class eager and ready to try your hardest on everything we do in class. I expect anyone that is struggling with any concept or problem we discuss in class or on the homework to come and find me.

**Grade Distribution:**

1. Participation – 15%
2. Homework – 20%
3. Quizzes and Tests – 50%
4. Projects, Writing Assignments, etc. – 15%

**Homework:**

 While homework will only be worth 10% of your grade, it will be assigned almost every night. When it is collected in class, homework will be given a grade of either 3,2,1, or 0 (3 being the highest). I will not always collect the homework but you should do each homework as if I were going to collect it. Homework is about practicing and you cannot get better without practice. This is true in all aspects of your life and so you should not be skipping any problems on homework assignments. If you do not understand a question, write an explanation of why you do not understand it so I may help you to understand it when we go back over it. Homework that is passed in late will be marked down one point for each day that it is late.

 I will allow each one of you to miss one homework assignment each quarter with no penalty. You may choose when you take this free pass but it must be used before the end of each quarter (no saving them).

 I will be available for extra help on homework and preparing for quizzes and tests during tutorial. I will also be available most days after school until 4:30. However, I ask that you take on the responsibility yourself and come find me

**Units**

1. Algebra Review
2. Graphs, Lines, and Technology
3. Equations and Inequalities
4. Functions and Graphs
5. Polynomial and Rational Functions
6. Exponential and Logarithmic Functions
7. Systems of Equations
8. Triangle Trigonometry and Trigonometric Functions

**Student Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

**Parent Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_