**2012 ~ 2013 PRE CALCULUS SYLLABUS**

Teacher: Mrs. Walton

Room 615

Course: Pre Calculus

Textbook: *PreCalculus: Graphical, Numerical, Algebraic, 6th edition*

***COURSE CONTENT***: Pre-Calculus builds upon topics covered in Algebras 1, 2 and Geometry. Additional topics include analytical geometry, trigonometry, vectors, polar coordinates, and introductory calculus. Problems are linked to real-world applications with an emphasis on graphing, vocabulary, and technical writing. This course is designed to prepare students for calculus and college mathematics.

Various learning and teaching styles will be utilized throughout the course of the trimester. Students can expect to be involved in group activities, whole-class and small-group discussions, individual/independent activities, teacher-led discussions, model-and-learn sessions, and student presentations, to name a few. In general, students should expect to be actively engaged in learning during class. Students should expect 15-60 minutes of homework four times a week on average. Study time outside of class for tests will be expected.

***Expectations/Responsibilities:***

1. All materials and supplies must be in as good as shape or better when they are returned.
2. Always listen attentively while others are addressing the class.
3. Be actively engaged in learning.
4. Bring the proper materials to class including, but not limited to, text, notebook, and **PENCIL**.
5. Always work 100% of the time.
6. Treat all individuals with respect and courtesy.
7. Take pride in your work, but have a humble, compassionate, and teachable attitude.
8. Always be on time, if you are absent, it is **YOUR** responsibility to come and make up the work.
9. Have all homework completed at the beginning of the class period in which it is due.

***Materials Information:***

It is strongly recommended to have a 3-ring binder to keep track of papers, notes and homework. This binder should be only used for math class. Organization is the key and will aid you in homework and studying for quizzes and tests. All work must be done in **pencil**. No credit will be given to work completed in any other fashion unless prior approval has been given. Students who have not done so should strongly consider purchasing a **graphing calculator** for use this year and in the future. (The *TI-83* and *TI-84 families of calculators* are the most versatile-see me for more details.) Calculators will be available for use in the classroom, and a program has been set up by the math department and the library to check out calculators on a nightly basis.

***General Classroom Rules:***

1. To help keep unwanted distractions to a minimum, cellular phones will not be allowed to be used in the classroom.
2. To help provide a comfortable and respectful classroom for everyone, foul and abusive language, as well as written, spoken, or physical references to sex, drugs, alcohol, or violence will not be tolerated whatsoever.
3. To provide every student with comfortable and ample space for effective learning, desks and aisles must be kept clear of bags, coats, and other personal belongings, aside from the essential tools for the class.
4. To help reduce unwanted distractions and to keep the learning levels at a maximum, students should only be talking when addressed or in proper group situations.
5. Personal music players will not be used during class.
6. Any other questions or inquires will be handled according to the student handbook.

***Grading System:***

The math department utilizes a weighted grading system:

1. Assignments will make up **10%** of your grade.
2. Quizzes will make up **30%** of your grade.
3. Unit Tests will make up **60%** of your grade
* The Final exam will be cumulative and worth 20% of your trimester grade.

In other words: 0.80\*(12-week grade) + 0.20(Final Exam grade) = Trimester Grade

***Grading Scale:***

A standard grading scale is as follows:

|  |  |  |  |
| --- | --- | --- | --- |
|  | 87 ≤ B+ < 90 | 77 ≤ C+ < 80 | 67 ≤ D+ < 70 |
| 93 ≤ A ≤ 100 | 83 ≤ B < 87 | 73 ≤ C < 77 | 63 ≤ D < 67 |
| 90 ≤ A- < 93 | 80 ≤ B- < 83 | 70 ≤ C- < 73 | 60 ≤ D- < 63 |
|  |  |  | 0 ≤ F < 60 |

***Missed Class time/Absences:***

If a student misses a class, regardless of the reason, it is his/her responsibility to make up the work. It is expected that any student who is absent will discuss missing assignments/work with the instructor upon return. If a student is absent on a day in which an assignment is due, the assignment will be due upon return to class. If an assignment is given while a student is absent, the student will then have the length of absence in days to hand-in the work, before it will be considered late.

***Leaving Class:***

It is very important to be in class and prepared to learn. If the situation arises that a student must leave class to use the restroom or run an errand, permission must be granted by the teacher. A student must have his or her planner in order to leave the classroom. The teacher will keep track of time each student is out of class. If this privilege is abused, the teacher has the right to take it away or assign a detention to make up for missed class time.

***Deadlines and Due Dates:***

**Homework** assignments need to be handed in at the beginning of the class period of which they are due. If a homework assignment is handed in after this time, it is considered late (see absence section above for exception). You may hand in an assignment up to one day late, for ½ credit of your graded score. Homework more than one day late will not be accepted.

**Quizzes** may not be retaken. We have a new quiz policy to help promote understanding. For quizzes in the same chapter the following applies: if you score higher on quiz #2 than quiz #1, your higher score will replace the score immediately preceding it (and you’ll have two scores that are the same). If you score higher on quiz #3, it will replace quiz #2 and so on…. Since math is cumulative, showing mastery as the chapter progresses is our goal.

**Unit Tests**: You have the option to retake ONE Unit test each trimester.

## *Availability:*

I will be available most days before and after school to help with problems. It’s best to check with me first. Feel free to contact me at any time by leaving a message on my voice-mail (488-1158) and I will promptly return it.

**Pre Calculus**

**Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student email address (to be used for occasional reminders and updates):**

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**I have a computer and access to the internet at home. Yes / No**

**Parent Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent email address (to be used for occasional reminders and updates):**

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**If you would like another parent email address added to the list, please give information below:**

**Additional Parent Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Additonal Parent email address:**

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