

PRE-CALCULUS

Teacher: Ms. Botelho, Room D-1

2008 – 2009

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Textbook: Precalculus: Enhanced with Graphing Utilities, Sullivan and Sullivan,
Pearson Publishing

Graphing Calculator: TI models are the most efficient for this course.

To be enrolled in this course, you should have completed Algebra 2/Trigonometry with a “B” average. This course is designed to provide a strong foundation of pre-calculus concepts, techniques, and applications to prepare students for more advanced work. Topics to be covered include functions, graphs, trigonometry, sequences and series, probability and statistics, limits and derivatives.

Organization:

- ◆ Bring your textbook, notebook, and calculator to class every day. A graphing calculator is required for this course. (I use a TI-84 plus graphing calculator.) Please have a pen or pencil with you and extra paper, including graph paper.
- ◆ Homework will be collected and/or inspected regularly. You can expect to have math work of some kind to do each night.
- ◆ You must show all your working out for each assigned problem. Do not turn in assignments with just answers on them. They will be returned to you so you can redo them or you will not receive any credit for that assignment.
- ◆ Your notebook will be collected twice each quarter. It should include all class notes, examples I present in class and problems that are assigned and worked out in class.
- ◆ You will have a test after each chapter and possibly different types of assessments throughout each chapter. Some tests will be a cumulative review of all the topics we have covered up to that point.
- ◆ Daily written exercises assigned from the textbook will be collected throughout each chapter as assigned. Each assignment should be appropriately labeled and problems clearly marked.
- ◆ If you miss a lesson, it is your responsibility to find out what work you missed. I will be happy to help you make up any necessary work and answer any questions you may have. Please see me if you are unclear about any topics.
- ◆ Please see me if you need to make up any assignments due to an excused absence. You will not be allowed to make up any work or test if you have an unexcused absence.
- ◆ I am available both before and after school for extra help when it is needed. Please see me personally to arrange a convenient time for both of us.

Ms. Botelho's Schedule

I teach all of my classes in Room D – 1.

Period 1	Pre-Calculus	Period 5	Free/Duty
Period 2	Pre-Calculus (H)	Period 6	Pre-Calculus
Period 3	Free	Period 7	AP Statistics
Period 4	Pre-Calculus (H)	Period 8	Free

Quarter Grade:

Participation (this includes your notebook grade as well as good conduct in class)	20 %
Homework	20 %
Test	60 %

Semester Grade:

Quarter 1	40%
Quarter 2	40%
Final Exam	20%

Expectations:

- Be in your seat and ready for prayer when the bell rings. Everyone is expected to lead prayer at some time.
- No food, drink, chewing gum or hats in class
- Be attentive in class and respectful to your teacher and classmates (Do not use offensive language)
- Respect this classroom and the materials in it
- Raise your hand if you would like to be recognized to speak in class
- Do not leave your desk or pack up your belongings until you have been dismissed

Consequences:

I make every effort to be fair in and out of class. I expect that you will be respectful and hard working. If this is not the case certain steps will be taken to ensure your cooperation. This could range from verbal warnings to contacting your parents to assigning after school detention. I hope that we can have a very successful year in mathematics.

More Expectations:

- Do not bring cell phones or other electronic devices to class. They could be confiscated and taken to the Dean.
- Any action that is threatening, highly disrespectful or dangerous will result in immediate dismissal from class and referral to the Dean.
- Your calculator is tool to help you succeed in this class. It is to be used only for that purpose. Your calculator could be confiscated if you are not using it in the right manner.