

Pre-Calculus
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Let me begin by saying that I am extremely excited about this coming year. I enjoy teaching mathematics and I am dedicated to helping students. Tests will be graded and returned quickly, and my door will always be open if you need extra help. I will also attempt to make every homework assignment worth the time you will have to invest to complete it; in other words, every assignment will have a purpose. I do not believe in “busy work.” In short, I expect a lot from my students, but you can also count on me fulfilling my end of the bargain.

Required text/materials

Pre-Calculus Book	Graph Paper
Pencil with eraser	Lined Paper
Graphing Calculator	Black Dry Erase Marker

Description of course

Pre-Calculus is a fourth mathematics course designed to prepare students for calculus and other college level mathematics courses. Pre-Calculus focuses on standards to prepare students for a more intense study of mathematics. The critical areas organized in eight units delve deeper into content from previous courses. The study of circles and parabolas is extended to include other conics such as ellipses and hyperbolas. Trigonometric functions are introduced and developed to include inverses, general triangles and identities. Matrices provide an organizational structure in which to represent and solve complex problems. Students expand the concepts of complex numbers and the coordinate plane to represent and operate upon vectors. Probability rounds out the course using counting methods, including their use in making and evaluating decisions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Attendance policy

Make sure you are here every time we meet. We will only meet 3 days a week, if you are absent, this is time you can't get back. It's easy to fall behind; don't let yourself fall into this trap. Do not be late. See the student handbook for the tardy policy.

Late work policy

Late work is not accepted except in the case of absence. Any make up work (tests, quiz, homework, etc) must be completed within a **week** of returning to class.

Grading scale

Test/Projects	- 40%
Quizzes	- 30%
Classwork	- 20%
Homework	- 10%

Tutoring

I am available for tutoring after school 3:30 – 5 Mon - Thurs. You must fill out the online tutoring form (on my main webpage) to reserve your spot and speak to me in person to let me know you are coming.

Retesting Policy

You may retest at any time within the same 9 weeks that a test was offered. The only exception to this is the midterm, which can be retaken before Feb 15th. To take a test again, you must fill out the form on my main webpage and attach proof of 3 activities you did to study and improve your knowledge of the skills. A retest allows you to gain back up to HALF the points you lost on the original test. Example: a grade of 60 can be improved by up to 20 points.

Classroom Rules

1. Bullying will NOT be tolerated. Do not test me on this.
2. When I talk, you listen.
3. Be in your seat (not just coming in the door) when the bell rings.
4. Come prepared with your book, folder, pencil, and paper every day.
5. Do not work on any other assignments while I am lecturing or going over homework. This includes math work.
6. **NO CHEATING.** This includes letting someone else copy your work.
7. Pick up all trash when you leave. You should leave your area as clean or cleaner than when you entered.
8. Technology may only be used as per RCBOE BYOT guidelines.
9. Use work time effectively.
10. All school policies apply

Consequences

- 1st offense: Verbal Warning
- 2nd offense: Parent Contact
- 3rd offense: Detention
- 4th offense: Conference with administration and parent.

Classroom Procedures

1. Be ready to begin working immediately when the bell rings.
2. Illegible work will be returned to the owner and given no credit.
3. Every day I will have a special activity aimed at “stretching” your brain in preparation for class. These activities may review concepts or may simply be cool math riddles that will serve to increase your ever-growing love of mathematics. They will be collected sporadically as a classwork grade.
4. Homework is due at the beginning of class in your class period’s basket.

Homework

All homework must be turned in meeting the following requirements or points will be deducted.

1. Heading each page correctly with your name, period, date, and assignment at the upper right corner.
2. Tearing off any spiral edges.
3. Attempting every problem.
4. Showing your work.

(If you do not show work, you will not receive any credit for the assignment.)

Student's Printed Name:

Class _____ Period _____

_____ I understand that the textbook is used as a guide to assist me in learning the Georgia Standards of Excellence (GSE).

_____ I understand that I must bring all of my supplies to class every day.

_____ I understand that I should have a graphing calculator.

_____ I understand the rules and consequences of this class.

_____ I have read and understand the Course Syllabus.

Student Signature: _____

Parent's/Guardian's Printed Name:

Parent/Guardian Signature:

Parent's Home Phone Number:

Parent's Cell/Alternate Phone Number:

Parent's/Guardian's Email:

Any comments/concerns you would like to communicate to me:

