**Mrs. Prowse Room 116/117 Advanced Pre-Calculus**

**Contact Information:**

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Welcome to Advanced Pre-Calculus! I am looking forward to a great year**.** This class is designed to broaden a student’s knowledge of mathematics and to combine and simplify math concepts.  The course is designed to have students achieve the following outcomes:  transformations; functions: circular, trigonometric, root, power, logarithm, and polynomials; trigonometric identities and equations; systems of equations and matrices, conic sections and parametric equations; vectors. The use of graphing calculators is predominately used to enhance the learning of this class.

# CLASSROOM EXPECTATIONS

* **Be on time prepared for class**: Pencils, books, and folders need to be brought to class every day. I will not give any passes to go get them. Also, students will need to have their calculator, I-pads and pencils sharpened and be in their seat when the bell ring or you will be asked to get a tardy pass.
* **Dismissal**: Students will not stand by the door and wait for the bell to ring. Instead, remain in your seats at the end of the period and wait for the bell to dismiss you.
* **Make-up work**: Upon the return from an absence, students need to refer to Planbook to get the assignments that they missed during their absence. If there were any worksheets given on the day of absence, get it from the buckets and update interactive notebooks.

### **Calculators/I-pads:** Calculators and I-pads will be assigned to you by number and you are responsible for anything that happens to it during your hour. IF ANYTHING IS WRONG WITH THE CALCULATOR OR I-PAD WHEN YOU GET IT, OR IF YOUR NUMBER IS MISSING, TELL ME IMMEDIATELY. FAILURE TO USE YOUR ASSIGNED CALCULATOR OR TAKING ONE FROM THE ROOM WITHOUT PERMISSION WILL RESULT IN YOU NOT BEING ABLE TO BORROW ONE FOR A WEEK, AS WELL AS AN AUTOMATIC DETENTION.

* **Cheating**: CHEATING ON TESTS, QUIZZES AND ASSIGNMENTS WILL RESULT IN A ZERO FOR ALL STUDENTS INVOLVED.

### **CLASSROOM RULES**

**Classroom rules**

1. Rules regarding behavior, dress code, attendance, cheating, etc. will be enforced according to the handbook.
2. Respect yourself, your classmates, your teacher, and your school. No one has the right to insult or otherwise interfere with the learning of anyone else in the class! Manners, courtesy, and kindness are appreciated in this classroom.
3. Please do not write on or destroy and item in the room.
4. Dispose of your trash in the appropriate places.
5. Be prepared. Please come to class with all materials every day. This includes a pencil and a pen.
6. No food or pop is allowed within the classroom.

\* Failure to comply with any of these rules will result in detention, parent calls and/or conferences, Saturday school, suspension, etc.

### **GRADING PROCEDURE**

Your grade will be weighted by categories. The categories and percentages that they are weighted are as follows:

#### GRADES

**Participation: (25% of quarter grade**) Participation grade will consist of three parts: warm-ups, participation in class and book work done out of the book.Book work is your time to practice. Therefore, every problem I assign must be completed with work shown or I will not accept it. Every assignment is due the next day so that we can check it in class and go over any problem areas.

**HOMEWORK: (25% of quarter grade)** Homework will be worksheets over concepts that have been taught. Book work has been assigned and graded. Therefore, the students are familiar with the concepts and are ready to tackle the new information with an assignment that can be graded for full credit. Every assignment is due the next day after it is assigned. You will lose 10% each day it is late. If you receive lower than a 70%, you can redo the assignment and hand it in the next day for a better grade.

**QUIZZES: (Quizzes and Tests together are 50%)** There will be quizzes, which will be cumulative for each chapter. Quizzes cannot be retaken. If you miss a quiz you will be given a make-up the next day.

**TESTS:** There will be a test given at the completion of each chapter. You may re-take a test. However, you must redo your review for the test and show me that you understand the concepts. Once, I feel that you understand the concepts covered on the test, I will give you a re-take on the test that must be done before or after school in the homework help lab or with me if you make an appointment. The two test scores will be averaged together.

**Quizzes and tests will be weighted together and they will be 50% of your grade.**

The grading scale is as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 100-93: A | 87-84: B+ | 77-74: C+ | 67-64: D+ | 55 and below: E |
|  92-88: A- | 83-81: B | 73-71: C | 63-61: D |  |
|  | 80-78: B- | 70-68: C- | 60-56: D- |  |

Your semester grade will be determined in the following manner:

 Each marking period = 40%

 Semester exam = 20%

**YOU MUST PASS 2 OF THE 3 GRADES IN ORDER TO PASS THE SEMESTER.**