

Pre-Calculus

2024-2025

Trimester 1 A

Instructor: Mrs. Becky Theiler

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1st Period: **Pre-Calculus**

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2nd Period: **AP Calculus**

3rd Period: **Pre-Algebra** (team teacher with Mr. Snyder and Mr. Barutha)

4th Period: **Pre-Calculus**

5th Period: **Prep**

Mrs. Theiler's Philosophy for Teaching

"Kids don't care how much you know until they know how much you care."

General Course Information

Welcome to Pre-calculus! The prerequisite for this course is successful completion of Advanced Algebra with a grade of C or better for both semesters. In this course using the Glencoe Advanced Mathematical Concepts textbook, students will study the following units: Algebra Concepts, Relations, Functions and Graphs, Trigonometry, Advanced Functions and Graphs, and Discrete Mathematics. We will be making connections to other disciplines and to the real world in an effort to see how each mathematical idea fits into a larger context. This is a college-bound math course; therefore, it will move at a fast pace.

Performance Expectations

Students' achievement in the course will be evaluated through daily assignments, quizzes, chapter tests, cornell notes, and formative assessment exams. Each student **must** have a scientific calculator or a graphing calculator to use in class. However, there will be several lessons when a calculator will not be allowed. Also, each student should bring a pencil, notebook, and textbook (hardcopy or electronic) to class each day. You may **only** use pencil in this class. Using anything other than a pencil will result in the loss of points. Cellphones are not allowed during class. If you have them in the class, they will be taken away and turned into the office. You are expected to bring your school issued Chromebook every day. You will be directed when it is appropriate to use the Chromebook.

Classroom Expectations

1. Be in class (this is very important)
2. Be on time (tardy policy)
3. Be prepared (bring equipment everyday)
4. Respect the rights of others
5. Respect the property of the school and of others

School Expectations

1. No Personal Communication Devices (cellphones, smart watches, airpods, ipods, tablets, etc)
2. No Backpacks - Ok pencil bag 8.5" x 5.5" (half sheet of paper) and 4" in depth

Grading Plan

Trimester grade will be calculated based on total points accumulated over the entire trimester. The scale is as follows:

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|------------|------------|
| ▪ 93-100 A | ▪ 70-72 C- |
| ▪ 90-92 A- | ▪ 67-69 D+ |
| ▪ 87-89 B+ | ▪ 63-66 D |
| ▪ 83-86 B | ▪ 60-62 D- |
| ▪ 80-82 B- | ▪ 0-59 F |
| ▪ 77-79 C+ | |
| ▪ 73-76 C | |

Each Trimester grade will be based your total points achieved on the following:

1. Chapter Tests (end of each chapter). Usually worth 60 to 80 points.
2. Quizzes (approximately 2 per chapter). About 20 to 30 points each.
3. Homework (checked daily). Two points per assignment. **NO LATE WORK ACCEPTED!** There are exceptions when I will accept late work. You will want to communicate with me clearly on the reason.
4. Cornell Notes (due at the end of each chapter). 10 points
5. Unexcused absences will result in a zero for all tests, quizzes, and homework for the day the absence occurred.
6. Test and quiz retakes are NOT allowed.
7. **Formative Assessments-Given approximately every 4 weeks. The final Formative Assessment which is called FA 6 will be given at the end of the trimester and will represent the Trimester Exam. It will account for approximately 10% of your overall Trimester grade.**

