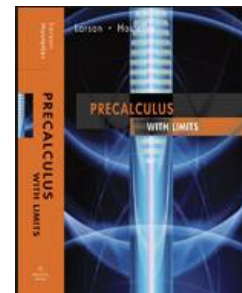


Honors PreCalculus/Trigonometry Syllabus

Ms. Alexandra Vavala



Description

Honors Pre-Calculus is designed for students with outstanding mathematical ability and interest who have mastered the concepts and skills of Algebra 2/Trig and who plan to take AP Calculus AB next year. Honors mathematics courses require students to move at a faster pace than the equivalent standard level course and they are different from the equivalent standard level course in both the quality of the work expected and the quantity of the work required inside and outside of the classroom. It is an extension of the concepts covered in the two prerequisite courses with an emphasis on the functional aspects necessary for preparation for the study of calculus. Polynomial, exponential, logarithmic, and trigonometric functions are addressed in this course. Conic sections, polar and parametric equations, and limits will be introduced.

- **This course is weighted at .25 as a recognition of the fact that it is more demanding and has more requirements that go beyond those of the standard Pre-Calculus/Trig course.**

Class Procedures

1. Respect for yourself, other school members, and property is expected.
2. Preparation: Bring to class a pencil, notebook, and calculator.
3. Punctuality: Please be seated and ready to go at the bell. Habitual lateness will result in a class cut as described in the student handbook.
4. Absence: *You* are responsible for making up all work missed due to an absence. You have one day for each day missed. Look to my class website for assignments and notes.
5. Discipline: Disruptive behavior will not be tolerated. Lack of self-control and self-discipline will result in detention or other disciplinary action. **All rules in the student handbook will be enforced.**
6. Participation: All students are expected to participate daily. This includes checking homework answers, taking notes, asking questions, completing assigned work, volunteering answers/explanations, etc.
7. Cheating: Any student caught looking at another student's paper, talking to another student, passing anything to another student, signaling to another student or using unauthorized materials will receive a zero and a referral according to school policy.

General Information

1. Notebook: Please keep dated class notes, all handouts, and homework. (A three ring binder is highly recommended!)
2. Homework: It will be assigned and checked regularly. **No late homework is accepted** unless you are absent or there are extenuating circumstances. Since this is a time for practice and learning, these activities will only be graded on completion, not correctness.
3. NWNC: No work, no credit. Using a calculator does not excuse you from showing steps used to solve a problem. This includes classwork, homework, quizzes, and tests.
4. Miscellaneous: To be successful in PreCalculus, you need to participate constructively in all classroom activities and complete all of the assigned work.
5. Cell Phones/Smart Watches: Will be collected at the beginning of each and every class (if necessary) and on assessment days.

Tests and Quizzes

1. Quizzes: are given periodically throughout each unit. Quizzes will total 50 points per unit.
2. Tests: are announced well in advance and given at the end of each unit. All tests are worth 100 points.
3. Pencil: All tests and quizzes should be taken in **pencil**.



School Wires

- ◆ All class documents, homework assignments and a link to Parent Portal are posted on my School Wires website and on our class OneNote.

Grading

★ Parent Portal

- ◆ Grades are updated on a regular basis. Please check grades **regularly** on the district website.
- ◆ Grades will not be curved and no extra credit will be given.



1. **Marking Period Grades:** each marking period counts as 40% of your final grade.
 - ◆ 90% Summative (Tests and Quizzes)
 - ◆ 10% Assignments
2. **Final exam:** will count as 20% of your final grade. The exam consists of two parts:
 - ◆ Core Assessments: *two* will be given throughout the year and will count for 30% of the final exam grade (or 6% of your overall grade).
 - ◆ Multiple Choice: will be given at the end of the course and will count as 70% of the final exam grade (or 14% of your overall grade).
3. **Next Course Recommendation:** AP Calculus AB or Calculus 1 is recommended upon the completion of this course (dependent upon grades, comprehension and teacher recommendation).

Required Class Supplies

- A 3-ring binder (You will be expected to keep all of your papers in order, in this binder.)
- Loose-leaf paper or notebook
- Folder
- Assignment book to record daily and long-term assignments
- #2 PENCILS are **required**
- GRAPHING CALCULATOR** (Texas Instruments is recommended, TI-84 or TI-83 Plus or similar model)

Absences and Make-Up Work

- ✓ Regular attendance is essential to be successful in any course.
- ✓ If you are going to be late to school or have to leave early, let me know beforehand.
- ✓ Be in class on time! Lateness will adversely affect your grade.
- ✓ It is your responsibility to complete all assignments, even if you are absent. You are expected to check the website, view the posted class notes, and make an honest attempt at completing the homework problems. The fact that you are absent does NOT excuse you from being prepared for class upon your return.
- ✓ You are responsible for all material taught. Your absence during a unit does NOT exempt you from having to learn the material in preparation for assessments.
- ✓ Students will be given one day for each *excused* absence to make up their test, and the day you return to school counts as day one. If you are absent the day before a test, you will take the test the next day with the rest of the class.
- ✓ Students who miss a class due to an *unexcused* absence will not be permitted to make up the test, and will receive a grade of "0".
- ✓ I reserve the right to give an alternate version of a make-up test.
- ✓ No extensions will be given. Any assignments that are not made up within the timeline described will be entered as zeros.
- ✓ If you are absent of the day of the review you are still expected to take the test / quiz the next day.

Additional Help

- 👏 I will be happy to give additional help upon request provided that students display an effort in class. Appointments can be made for before or after school.
- 👏 If you are struggling, do not just stay before the test. Note: If you have not been doing your part in class (see General Information #4), I may not allow you to stay until you show improvement.

Questions/ Concerns

- 📧 Please do not hesitate to contact me if you have any questions. You can reach me by the school's e-mail at avavala@cbsd.org. I will respond in a timely fashion. I look forward to working together.