



What is AP Calculus AB?

This course is a college level course that covers approximately the material in one semester of college Calculus. This course will have a fast pace. Keeping up with this class is a must!

Necessary Materials

1. Pencils with erasers are a must!
2. A Graphing Calculator is required for this course.
The TI-84 plus will be the calculator most used in the classroom by the instructor. (You may purchase your own graphing calculator, borrow one from a friend or relative, OR you may rent one from me for the year for a \$20 fee. Charging this fee allows me to replace old calculators and batteries as needed)
***If needed, you may pay \$10 first semester & \$10 second semester OR you may pay the \$20 rental fee all at once.)
3. A 3-inch three-ring binder with loose-leaf paper is the best notebook to keep organized. Tabbed dividers (10 pack) will help you keep your notebook organized by unit of study.
4. Index Cards

Expectations of students

1. Work only on AP Calculus during the 54 minutes of class. Cell phones or other electronic devices may be taken up and returned at a later time. (Cell phone policy in my classroom: If I see it or hear it, I take it!)
2. Bring all materials needed daily. (See above list)
3. Work all class/homework problems daily and give it your all!
4. All assignments should be labeled with the date and assignment so that you can use it to help you study for unit tests and semester exams. Each problem should have three essential parts 1) **P**roblem, 2) **W**ork, and 3) **A**nswer (that is called **PWA**). Homework should be neat and easy to follow.
5. Expect your teacher to work in a coaching capacity, which means she will expect you to use a little “elbow grease” to solve a problem instead of answering you immediately.
6. Food and drink are not allowed in my classroom.
7. Work collaboratively with other students and teacher. If you are asked to work on a problem, jump in there and do your best to solve it! Be respectful of everyone’s ideas.
8. Ask for extra help, if needed. Schedule a time to meet with instructor or with a classmate in order to receive any additional help.
9. Each student will take semester exams & an AP Calculus Exam at the end of the year.

Expectations of the teacher

1. Make every effort to make this course a very challenging, yet exciting course.
2. Vary the methods of instruction to include individual and group work.
3. Introduce each student to the concepts set forth in the AP Calculus syllabus.
4. Introduce each student to “AP type” questions and how AP grades these questions.
5. Plan for adequate time to review all material so that students have an opportunity to put all concepts together.
6. Plan time for students to take a practice exam with the “AP type” questions and grade it in “AP style”.

Expectations of the Parent

1. Encourage students to put forth their best effort in homework and preparation of tests.
2. Communicate to the teacher if there are any problems.
3. Encourage the student to get extra help when needed.
4. Provide an environment conducive to studying and doing homework.
5. Encourage the student to get enough sleep so that he can perform at his best the next school day.

How is the grade determined in this class?

The nine weeks grade will be calculated as follows: 60% Unit Tests, 30% Quizzes, 10% Daily Work.

TESTS

- ⇒ Each test will contain multiple choice and free response questions that have “AP flavor”. Some test questions may be similar to classwork/homework problems, extra practice problems and quiz problems given during the unit. Some test questions will require students to assimilate previous and new concepts in order to solve a problem.
- ⇒ Each test given may have calculator and non-calculator problems.

Quizzes

- ⇒ Several announced quizzes may be given during each unit of study. Quizzes will be timed and notes will not be used.

Daily Work

- ⇒ Daily work may consist of group problem sets, individual practice problems, and homework. You will be required to share your classwork and homework solutions on a regular basis. Completing homework is a must and will be collected randomly for a grade. Homework solutions are shared with students via Remind 101 so that they may check their work before entering class the next day.

Semester Grades

1st Nine Weeks Grade- 40%

2nd Nine Weeks Grade- 40%

Semester Exam- 20%

Make-Up Work Policy

- ⇒ Make-up work will be accepted for excused absences only. **IF YOU DO NOT BRING IN AN EXCUSE FOR YOUR ABSENCES, THEN DO NOT ASK ME ABOUT MAKE UP WORK!!!!**
- ⇒ Students with excessive absences are not going to be successful in Calculus---if you must be out, please make sure you have contacted me so that we can make arrangements to get you caught up!
- ⇒ When a student is absent it is his responsibility to get the missed work. Please do not take up other students' class time to inquire about what you missed. If you are out,
 - 1) Check the Make Up folder for missed assignments
 - 2) If you missed a quiz or a test, then send me an email to schedule make up time

Textbook

- ⇒ In this course, we will use various resources provided by A+ College Ready and the AP College Board. However, I have placed several textbook resources in the AP Calculus folder on google classroom for students who may want to read additional explanations or look for further examples on concepts we are studying.

*****Students and Parents: sign up for "Remind 101" and you will receive information and updates about our class☺ Text @chsapcal to 81010 and you will be added to the list. Remind 101 is how I remind students of quizzes and tests. I also send all of the homework/solutions via attachments to Remind.**

*I understand all of the policies, procedures and expectations for this class. I agree to communicate with Mrs. Medlen throughout the school year if there are further questions or concerns.

Students Signature _____

Date: _____

Parent Signature _____

Date: _____