Welcome to Calculus AB!

This year will be both exciting and challenging. I am excited to be teaching this course, especially for developing mathematical thinking and reasoning skills that will serve you well regardless of whether you continue studying math-related fields or not. We will challenge each other as we learn and grow to our full potential. You can earn college credit by passing the AP test in early May. This is an AP class for a reason, and I expect every student to take the AP test. Fee waivers and other financial support may be available.

Grading: Remember: Teachers do not "give" grades – Students "earn" them!

Grades will be based on a combination of tests, quizzes, in class assignments, projects, and homework. Grades will be calculated using weighted categories: Tests = 65%; Quizzes = 10%; Homework = 10%, and the final is 15%.

The following grading scale will be used to determine letter grades:

90-100% …A   80-89%...B   68-79%...C   below 68%...F (FIRM)

Tests

Tests will be cumulative. Approximately 40% will be review material from previous exams and 60% will be on the material of the new unit. After each test I will send out an email. In that email I will include information so that you can see how well you preformed compared to the class as a whole.

Re-Tests

If you score below an B (80%), you will have the opportunity to raise this grade if you have done the following:

       a) Turned in all of your homework when due.
       b) Participated in class by actively taking notes, working on the warm ups at the beginning of class, and being a vocal member of all partner, group, and class discussions.

The maximum score on a retest is a B (80%).
Re-Tests will be done through Math XL assessments.

If you need extra help or have homework issues, I am available at lunch by appointment or after school.

Quizzes

Quizzes will be given frequently covering the daily homework. The quizzes will always be on topics that have been assigned. They may even be on topics that the class did poorly on from the previous test.

Homework

Homework is not busywork. Homework problems have been selected based on prior learning and our work in class, with the purpose of mastering skills learned in class and preparing you for upcoming assessments. You are expected to make a meaningful attempt on every problem assigned and will get full credit if you do, regardless of the correctness of your answers. Spending time with each problem will help you learn the content even if you do not get the correct answer. When you get stuck, look through your class notes, prior homework problems that you have successfully completed, examples in the textbook of a similar problem and solution, and online videos that the publisher or GOHS teachers provide. I DO NOT GRADE YOUR WORK ON WHETHER YOU GET THE RIGHT ANSWER, so do not bother copying the answers from another source – you will not learn the math and will not do well on the assessments. I WANT YOU TO LEARN AND APPLY THE MATHEMATICS BEHIND EVERY PROBLEM. Math is not a spectator sport!

Actively participating, reading carefully, and completing all assignments will contribute to success in mathematics.

Homework needs to be clearly labeled or I will not grade it. Each assignment should have the same heading unless it is on a handout. Homework assignments are listed in the notes. We will not necessarily stop taking notes when we get to an assignment. Any time we reach a section of homework in the notes, it is automatically assigned. If your homework or warm-ups are not complete, you will not be eligible to replace a test score for that unit – Incomplete Homework = No Retake

Homework Heading

Assignment Number   Name

Page Number Problem Numbers   Period

Extra Help:
It is **critical** that you do not fall behind in class due to the pacing and rigor of the course. For this reason, tutoring will be offered: during intervention, at lunch by appointment, or after school.

Absences:
I expect you to look at the notes from when you are absent and come in with them complete. USE THE WEBSITE to find videos for each lesson.

Web Page:
It is important that you be able to access my web page. It will contain Daily Notes, Homework Solutions, Handouts--with answers, Quizzes and Solutions, Other Resources such as Flash Cards and Websites for additional Help.

Contact Information:
- The school's phone number is 294-6450 and my extension is 3609. If it is an emergency during the school day, please contact the operator as it is impossible to call directly into the room otherwise.
- To contact me via e-mail use: mcornelius@tvusd.k12.ca.us.

Classroom Rule: "Be Respectful of Everyone and Everything"

It is my belief that this one rule encompasses everything we need to have a successful year together. By being respectful of others we are attentive listeners when others are speaking. By being respectful of others we honor their right to learn. By being respectful of ourselves we come to class prepared to be an active participant. By being respectful of everything around us we help to maintain the classroom and the school.

Discipline Procedure

If there is a need to remind you about the rule the following steps will be followed:

Step 1: verbal warning

Step 2: parent contact/detention

Step 3: referral to the office

In the event that the transgression is of a serious nature, you will be sent directly to the office for discipline.

Suggested Supplies:

- pencils
- The AP test requires that you have a graphing calculator for the exam. There are many approved graphing calculators for the AP test. The calculator must be able to graph a function, find intersection points, take a numerical derivative, and find a definite integral. If you have a question about a particular calculator, please ask me before you purchase it, especially if you plan on being in the IB program later on. During class, I will be using a TI-84 to demonstrate the material. Calculators will not be used for every test and assignment.
- Notebook with all notes

Please take the time to share this with your parents/guardians. To save paper, you do not need to print this out, simply acknowledge you have read it by sending an email with the subject line of Your Name & Calculus AB. Please email me by the end of the second week of school. Also, to stay informed please visit my website and sign up for Remind (@mrcab19) so that I can communicate with you.

Looking forward to a great school year,

Mr. Cornelius

AP Mathematics Teacher GOHS