

## Mathematics Department Course Syllabus

**Course:** *AP Calculus BC Y or AP Calculus AB B/AP Calculus BC B*

**Course Description:** Calculus BC is a college level course that covers the first two college Calculus classes. The main topics covered in this course are derivatives, integrals and their many applications, differential equations, and series. This course is a challenging, fast-paced, and demanding academic course in preparation for the Advanced Placement Exam in BC Calculus. ***It is the expectation that ALL students will take the AP Calculus BC exam in the spring.***

**Student Expectations:** Students are expected to adhere to all TVUSD behavior policies. Preparation includes being on time with required material including notebook, pencil/eraser, graphing calculator and any other materials designated by the teacher. The Schools tardy policy will be strictly enforced. Be Engaged. Please leave all distracting items out of the classroom (i.e. food, drinks, iPods, video games, graphing calculator games, etc.). Cell phones must be turned off during class time and may not be used as calculators.

**Grading:** Grades will be based on a combination of tests, quizzes, in class assignments, homework, and a final. Grades will be calculated using weighted categories:

Tests = 65%; Final 15%; Quizzes = 10%; and Homework = 10%.

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

100-88% ...A 87-76%...B 75-65%...C below 65%...F

**Office Hours:** I will be available on a regular basis. I will be available everyday from 6:30 – 7:30. I will also be available upon request. I am here to help, so if you need help, PLEASE let me know!!!!

**Warm Ups:** Students are expected to complete the warm up for the day's lesson before class starts.

**Homework:** I am a firm believer in homework. In math, you learn through practice. Homework will be assigned on a regular basis and students are expected to have the assigned work completed at the start of the period due (most often the next day). If you don't know how to do a problem – MAKE AND ATTEMPT!! DON'T JUST GIVE UP!!! Homework solutions, worked out in detail, are available for each unit as well as possibly videos. Because of this, class time will not be allotted to going over the homework. Questions regarding the homework can be addressed during intervention, before school, at lunch, or after school. Class time will not be allotted to specifically going over the homework. Students who fail to stay current on their homework and the Warm Ups will not be eligible for a retake of a test if they do not do well. No credit will be given for late work.

**Tests/Quizzes:** Quizzes will usually be given midway between units. Tests will be given at the end of each unit. No retakes for quizzes will be offered. Retakes will be allowed for tests in this class under the following conditions.

- a) It has to be within two weeks, unless I set a different time.
- b) All homework for the unit must be completed by the end of the unit and the warm-ups have to be done daily.

The maximum grade you may receive on a test retake is an 87%.

**Absences:**

I expect you to look at the notes from when you are absent and come in with them complete. USE THE WEBSITE.

**Academic Integrity:** Academic dishonest will not be tolerated. If you are found to have committed academic dishonesty, a zero will be awarded for that grade and you will not be given the opportunity to make this grade up. Disciplinary action will be taken. If I find anyone copying the work of anyone else all guilty parties will receive zeroes and disciplinary action will be taken. You will not be given the opportunity to make up this grade.

**Teacher Contact:**

- The school's phone number is 294-6450 and my extension is 3603. If it is an emergency during the school day, please contact the school operator.
- To contact me via e-mail use: [smaxey@tvusd.k12.ca.us](mailto:smaxey@tvusd.k12.ca.us)

*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 BC Course Syllabus. I would appreciate receiving this email by the end of the week.*

Sincerely,

Mr. Maxey  
Mathematics Teacher GOHS

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Student's Signature

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Parent/Guardian