

To: Advanced Placement Calculus Candidates
From: Mr. Saros/Mr. Hursey/Mrs. Carpenter
Date: January 17, 2020
Subject: Application for Enrollment in AP Calculus BC for the 2020-2021 School Year

The Advanced Placement Calculus courses consist of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. It is expected that students who take an AP course in calculus will seek college credit or placement, or both, from institutions of higher learning. There are two Advanced Placement Calculus courses: Calculus AB and Calculus BC. Both Calculus AB and Calculus BC are primarily concerned with an intuitive understanding of the concepts of calculus and experience with its methods and applications. The expanded content of Calculus BC requires some additional knowledge of the theoretical tools of calculus.

The Calculus AB course is a course in introductory calculus with elementary functions. It is intended for students who have a thorough knowledge of college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, and analytic geometry (rectangular and polar coordinates, equations and graphs, lines, and conics). Successful completion of the OHS Precalculus course provides a good background for this course.

The Calculus BC course is intended for students who have a thorough knowledge of analytic geometry and elementary functions in addition to college preparatory algebra, geometry, and trigonometry. The OHS Precalculus Honors course provides a good background for this course. Calculus BC is considerably more extensive than Calculus AB. All of the topics in Calculus AB are included.

At many institutions Calculus AB is given one semester of credit. The content of Calculus BC is designed to qualify the student for placement and credit one semester beyond that granted for Calculus AB. Appropriate placement and credit are granted by each institution in accordance with their policies, including the results of the AP Examination. **Students enrolling in Calculus AB and Calculus BC are required to participate in the AP Examination.**

Both Calculus AB and Calculus BC require extra study and preparation time. A consistent homework effort is an important and necessary commitment for success in these courses.

A graphing calculator will be necessary for some classroom activities, homework, quizzes and tests. Although some calculators will be available from the school for use in class, each student is encouraged to have his/her own calculator. The AP Examination requires using a graphing calculator to answer some of the questions.

Selection of students for Calculus BC will be based on the following criteria:

- successful completion of the appropriate prerequisite course (Precalculus Honors at OHS).
- recommendation of the current OHS math teacher. Students who have not taken Precalculus Honors at OHS must test out of Precalculus Honors and earn the equivalent grade of other students admitted into AP Calculus BC
- grades received in the prerequisite course
- comparison of past academic work and attitude with previous students who have shown success in AP Calculus.

All students interested in being an AP Calculus BC candidate for the 2020-2021 school year must complete the application form and return it to her/his current math teacher or the math department coordinator by **Feb. 7th, 2020**.

If you have any questions, talk to your math teacher, Mr. Hursey (D130), Mr. Saros (D231) or Mrs. Carpenter (D234).

**OKEMOS HIGH SCHOOL MATHEMATICS DEPARTMENT
APPLICATION FOR ENROLLMENT IN ADVANCED PLACEMENT CALCULUS BC
FOR THE 2020-2021 SCHOOL YEAR**

Student Name _____ Year of Graduation _____

Student Number _____

Note: If you request BC and are not selected, you will be considered for AB. Additionally, if you are accepted into BC, you may register for either BC or AB.

Current math course information:

Course _____ Teacher _____ Semester 1 grade _____

Fill in appropriate cells of the table:

	Grade Level			
	8th	9th	10th	11th
Math Course				
Teacher				
Semester 1 Grade				
Semester 2 Grade				

List all the courses you hope to take next year:

List possible extracurricular activities for next year:

Recommendation of most recent math teacher: _____ BC calculus _____

teacher signature

I understand that this is a rigorous course requiring extra study and preparation time, and I am able and willing to commit the time required. I also understand that part of the requirement of the Advanced Placement Calculus course is to take the AP examination, and I agree to do so.

student signature

date

Please have a parent or guardian read the information on the next page and sign to indicate awareness and support of this application.

FOR PARENTS OF ADVANCED PLACEMENT STUDENTS

Okemos High School offers the Advanced Placement Program of studies for talented students who are capable of doing college level work. There is an application/selection process for admission to each Advanced Placement course. Students who take Advanced Placement courses are required to take the Advanced Placement Examination in that area which is given annually in May. The Advanced Placement exam is an integral part of the Advanced Placement course, and the content of that exam shapes the framework of the course. Students taking Advanced Placement courses are making a commitment to excellence, and the Advanced Placement Examination provides both a unity of purpose and the measure of integrity of the course experience. Fairness to all (the others in the class, the teacher, and the colleges seeing AP on a transcript) decrees that all students complete the requirements of the Advanced Placement course by taking the Advanced Placement Examination.

There is an Advanced Placement Examination fee that the student must pay. However, there is a fee waiver provision for any student who may have difficulty paying it. If a student has difficulty paying the fee, Mrs. Akers in the Counseling Office should be contacted and arrangements to discuss fee reduction or waiver will be made. Each year the College Board provides fee reductions for candidates who are unable to pay the full fee for each Advanced Placement AP Examination. Available funds are limited. Therefore, fee reductions should be requested only for those students whose financial needs are clear. The basic guidelines for financial need is membership in a low-income family.

The fee for the Advanced Placement exam is due in September 2020. If the payment is not submitted by the due date, a late fee will be applied to each exam fee.

If a student withdraws from an Advanced Placement course, the colleges and universities to which the student has already applied will be informed of the change in the student's schedule.

I have read the above statement and agree to abide by it.

Student signature: _____ Date: _____

I have read the above statement and am aware of and support the commitment made by my son/daughter to the requirements listed here and on the application form.

Parent/guardian
signature: _____ Date: _____

If a student fails to apply for an advanced placement course by the February deadline, that student's approval for AP enrollment will be based on the same criteria required of the February deadline but may also be limited by seat availability. (The number of sections offered is determined by on-time applications.) Late applications should be submitted to the AP teacher who will then conference with the advanced placement committee to determine whether or not the late applicant will be placed on the approved list. Placement on the "approved list" does not ensure placement in the course if seats are not available. Therefore, it is highly recommended that students meet the AP application deadline.

Students will be notified via school email around 3 p.m. on the afternoon of 2/21/20 as to whether their application was accepted or denied.