

AP CALCULUS (AB and BC)

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SCHOOL: RIO AMERICANO HIGH SCHOOL

TEACHER: MR. BAKER

ROOM: D 3
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RIO AMERICANO HIGH SCHOOL MISSION STATEMENT:

Rio Americano, a high school with proven academic excellence, will educate and inspire each student to succeed and meet the challenges of the future through innovative programs and college preparatory curriculum. "Think Rio... The Possibilities are Endless"

COURSE DESCRIPTION:

Prerequisite: Although a grade of C or better is required in Pre-Calculus to move on to AP Calculus AB, it is recommended that you've earn a grade of B or better in Pre-Calculus before moving on to AP Calculus AB. As for entrance into AP Calculus BC, it is expected that you've either earned a grade of A or better in Pre-Calculus or a grade of C or better in AP Calculus AB before moving on to AP Calculus BC.

AP Calculus AB is an entry level college course in single variable Calculus. Topics include limits, derivatives and integrals of algebraic, trigonometric and transcendental functions and their applications. Since students who enroll in AP Calculus are expected to take the AP Calculus Exam, emphasis will be placed on preparation for this Exam. This course is considered an honors course for admission to most universities. Students who pass the AP Calculus Exam may receive college credit (see specific college's requirements). AP Calculus BC includes all topics from AB plus additional topics including derivatives of polar, parametric, and vector functions, improper integrals, additional integration techniques, applications of integrals in polar and parametric form, polynomial approximations, and series.

CONTACT POLICY:

All of my student's parents/guardians are encouraged to actively participate in their child's education. If you need to confer with me, I am often times available during my 1st period prep, before school, and after school. Please try to contact me ahead of time so that I can make myself available. I can be contacted via phone and email (see below). Please leave a message and I will return your call or email as soon as possible. I also have a **website** where you can find course information, daily assignments, assessment dates, and many other useful resources for both students and parents.

Phone: 971 - 5360 ext. # 6407

Email: jobaker@sanjuan.edu

Website: <http://www.sanjuan.edu/Page/21364>

TEST RETAKE POLICY:

Test retakes are a privilege, not a right. Students can earn up to 10% higher than their original test score with a cap at 89%. Anyone who scores below 59% originally may earn up to 69% on the retake. The retake privilege is meant to be a safety net for those students who are diligently working to master the content of this course and prepare for the AP exam. It is not meant as recourse to the natural results of inattentiveness or the incompleteness of expected course work.

A student may retake a test (final excluded) only if:

- All homework is completed and turned in on time (AB only)
 - It is taken on the set retake date and time. (This date will be set by me after each test.)
 - Original test score is below an 89%.
 - The teacher agrees to it.
- ** Note once again, students can earn at most 10% higher than their original test score with a cap at 89%. Anyone who scores below 59% originally may earn up to 69% on retake.

Please note that the retake privilege may be revoked at any time for abuse of the above policy. Abuses include, but are not limited to, cutting class, not paying attention, not participating during class time, doing work for other classes during my class, and not working on math assignments during the times provided for doing so.

***** Cheating will not be tolerated! Anyone who cheats in my classes will receive a zero on that specific test/quiz/homework/etc. and lose their retake privilege AND will receive an F as citizenship grade for possibly the whole semester during which the cheating occurred.**

Final Notes

As your teacher, I pledge to:

- * Follow all school rules
- * Be respectful of all students
- * Create a positive learning environment
- * And facilitate the learning of mathematics

I know you will find me to be fair, consistent, equitable, and always striving to make mathematics meaningful and fun. Now, let us all join forces and work at making success an everyday experience.

"SOCIETY MAY PREDICT, BUT ONLY YOU WILL DETERMINE YOUR DESTINY"

By Marva Collins

