

Welcome to AP CALCULUS

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Please feel free to come after school (in room 136), call, or e-mail anytime if you have questions.

Calculus is the study of change, motion, area of irregular shapes and rates. In this course we will take the math you have learned thus far in your school career and apply it in a plethora of ways. We will look at business applications, sports applications, abstract mathematics, physics, etc. Besides applying calculus there is a mechanical component of the course where students are expected to be able to work through calculations and concepts without the aid of a calculator.

Expectations: It is my expectation that every student will work hard and exceed their personal goals for this class. I expect that every student will be prepared for each class period that includes having their notebook, graphing calculator, writing utensils (one red pen and one blue pen) and completed assignments. The course is designed to deepen an understanding of the world around us and align with common core standards.

Curriculum Topics:

Limits, continuity, derivatives (mechanically and conceptually), applied derivatives, Anti-differentiation, integration (mechanically and conceptually), applied integration, and AP review

How will I earn my grade? Your grade will largely be dependent on the number of points you earn on all HW, Classwork, Quizzes, and Tests and dividing it by the total number of point you could have earned. But there is also a portion of the overall class grade that is dependent on progress made and classroom participation. Please keep in mind that I do not give grades, I simply keep track of the grades you earn. Each day there will be at least 20 points that can be earned (5points for being prepared with the recommended materials and being in class on time, 5 points for having any required work completed, 5 points for doing the required practice in class, and 5 points for successfully completing the daily quiz). All those possible point-categories can be broken down into partial credit and it may vary a little from day to day.

Can I make-up an assignment? I am a firm believer in learning from your mistakes (most likely most of you have fallen from a bike when you first were learning how to ride). Making mistakes is a part of the learning process, so after any graded assignment, you will have a chance for RECOVERY. The recovery process is quite simple: After your grade is posted on our grading software, you will have five school days to see me (either after school or during a common free time) and you will learn from your errors. By completing the recovery, you may earn up to half the credit you lost on that particular assessment

The website is a resource for learning and keeping current with assignments, grades, and announcements please check it daily as I do update almost every day.

<http://www.newpaltz.k12.ny.us/site/Default.aspx?PageID=1552>