

AP CALCULUS

Instructor: Mr. Mark Merz

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AP Calculus is equivalent to a rigorous college level calculus course for STEM (Science, Technology, Engineering and Math) majors. The curriculum demands mature, intelligent, well prepared and very strong highly motivated students. Students must have a strong work ethic, and be willing to commit a large amount of time and effort, and to make calculus a major priority.

Curriculum

AP Calculus is a year-long course. The entire AP Calculus AB curriculum, as described on the AP website, will be taught. Students are expected to work a great deal outside of class. Students can benefit a great deal working in productive study groups, and working with online calculus resources.

Falling behind in the course can compound itself very quickly. Students find it very difficult to make up lost ground. Even students who have been very successful to date generally need to make adjustments to their studying approaches in order to deal with the demands of calculus.

Cost & Benefits

Students will be required to take the AP exam in May at their own expense. The cost is approximately \$90.

Not all schools, and not all departments, treat AP credits the same way. Some departments, particularly engineering, physics, and math departments, do not give credit and placement for AP Calculus. Some give credit but require the student to retake the course in college, some give credit and allow the student to be placed in the course following Calculus. College credit and/or placement is certainly not the only benefit or factor to be considered in deciding which AP classes to take. However, if it is important to you, you should contact the schools and departments you expect to be considering to clarify their rules.

AP CALCULUS CONTRACT

AP Calculus is equivalent to a rigorous college level calculus course for STEM (Science, Technology, Engineering and Math) majors. The curriculum demands mature, intelligent, well prepared and very strong highly motivated students who are willing to commit a large amount of time and effort, and to make calculus a major priority.

This contract expresses the student's commitment to the demands of the course.

Curriculum

AP Calculus is a year-long course. The entire AP Calculus AB curriculum will be taught. Calculus offers the opportunity to become a better learner. Students can expect to need to make adjustments to their studying approaches in order to deal with the demands of calculus.

Cost

Students will be required to take the AP exam in May at their own expense. The cost is approximately \$90

Attendance

Attendance for class is MANDATORY. The fast pace, intensity, rigor and dependence of each class on preceding classes make it virtually impossible to be successful, or to make up lost ground, with more than a very small number of absences. The class is being taught as a college level class. Absences in excess of 12 for the entire year may result in the course status being dropped from AP to ACP. ANY non-retreat absence will count toward these 12 or more. Many students will encounter significant difficulty with total absences significantly fewer than 12.

Carefully read each of the following terms. Initial each item in the space provided. When finished, sign and date the contract and return to Mark Merz, prior to noon on May 4, 2018.

_____ I understand that if I do not wish to take AP Calculus during the next academic school , I must drop by May 11. Otherwise, I will be unable to drop.

_____ I understand that there will be summer assignments to be completed for this course

_____ I understand that learning to be a better learner is a primary goal and benefit of this class. Working independently, learning for me, time management, organization,

self-discipline, preparation and responsible choices will be essential to my success in this class

_____ I understand that I must make constructive use of many resources to be successful in this class

_____ I understand that I am primarily responsible for my success in this class.

Current GPA: _____

Student Signature _____ Date _____

Parent Signature _____ Date _____

Accepted with waiver

_____ Signed waiver attached

AP Teacher _____

_____ Accepted

AP Teacher _____