

# AP Calculus AB



- **Course Description:**

This one-year course develops the topics of limits, derivatives and integration and their formulas for algebraic and transcendental functions. After successfully completing Math Analysis, students may select this course as part of their college preparatory track. This course is less rigorous and moves at a slower pace than its counterpart, AP Calculus BC.

- **Course Expectations:**

Students will be given homework daily. Students typically spend at least an hour each night reviewing and working through homework problems. Additionally, students should expect to spend time reviewing and studying for quizzes, tests, and final exams. The majority of the course grade is determined by performance on quizzes, tests and the final exam.

- **Special Projects:**

Following the AP Exam in second semester, students complete a project examining a free-response question from the current year's AP exam. In this project, they solve the question and develop a scoring guideline for the response.

- **Beyond the general education course:**

Because of the college-level focus of the course, students are expected to take on responsibility for their learning. Homework may or may not be collected, but students are expected to be current with the material regardless of homework collection.

- **Other:**

This class is great preparation for college. All students, regardless of whether they plan to continue in a math/science path, will benefit. Learning how to approach a college style class, meet teacher expectations, and work rigorously helps to develop study and problem solving skills that are valuable in all fields. In addition to earning college credit, passing the AP Calculus AB test can accelerate a student's ability to meet requirements for college.