



# AP CALCULUS BC

## Description

AP Calculus BC is a two university-semester long course in the calculus of functions of a single variable. It includes all the topics from Calculus AB plus additional topics.

## Special requirements

Prerequisite: Pre-Calculus

Students must have strong problem solving skills, excellent study habits, and be able to work independently. They should have a good understanding of linear, polynomial, rational, exponential, logarithmic, trigonometric, and piecewise defined functions. Students should have exhibited strong performance in Pre-Calculus.

## Student costs/Materials to be supplied by students

Students are required to have a graphing calculator for use in class and at home. We recommend the use of a Texas Instruments TI-84.

## Other information

Students will have 45 minutes to one hour of homework a night. Extra time may be needed for reviewing algebra/pre-calculus skills if a student has a weak background.

Students may receive college credit for this course by taking the Advanced Placement Examination and earning a score acceptable to their college. This acceptable score varies from school to school and department to department.