AP CALCULUS AB

Insert Teacher Name   Insert Room Number

Insert Full Year/Semester   Insert Period

Insert Email Address

COURSE DESCRIPTION

Advanced Placement Calculus AB consists of a full year of college calculus. This course is intended for students who have demonstrated exceptional ability and achievement in mathematics, and have successfully completed an accelerated program. To be successful, students must be motivated learners who have mathematical intuition, a solid background in the topics studied in previous courses and the persistence to grapple with complex problems.

Students in the course are expected to take the Advanced Placement exam in May, at a fee, for credit and/or placement consideration by those colleges which accept AP credit. The critical areas of focus for this course will be in four areas: (a) functions, graphs and limits, (b) differential calculus (the derivative and its applications), and (c) integral calculus (anti-derivatives and their applications).

Students in the course are expected to take the Advanced Placement exam in May, at a fee, for credit and/or placement consideration by those colleges which accept AP credit.

COURSE OBJECTIVES

Students should understand and apply the:
- Formal definitions and graphical interpretations of limits and continuity
- Formal definition, application and properties of a derivative.
- Formal definition, application and properties of an integral.

UNITS OF STUDY

- Functions, Graphs, and Limits
- Derivatives
- Applications of Derivatives
- Integrals
- Applications of Integrals

COURSE POLICIES AND REQUIREMENTS

GRADING

Summative Assessments:	Insert % Here (Minimum of 70%). Insert Categories/Weighting (ie. Papers – 30%)
Formative Assessments:	Insert % Here (Maximum of 30%). Insert Categories/Weighting (ie. Quizzes – 50%)
Behavioral Characteristics:	Insert % Here (Maximum of 10%) Insert Categories/Weighting (ie. Particip. - 90%)

Insert Additional Grading Information Here

MATERIALS

Insert Course Materials Here (ie. Textbook, Binder, Calculator, Highlighters)

EXPECTATIONS OF STUDENTS

Insert Course Expectations Here

EXTRA HELP

Insert Additional Information Here