

Course: AP Calculus AB 1-2		Course # 4189
Credits: 1 credit each semester, 2 credits total for the year	Commitment: Year course	Grade: 11-12
A-G Category: meets "C" requirement	Estimated Homework Time: 50 min per day	
Level of Difficulty:	Moderate Difficult ☒ Very Difficult	
Recommended Prerequisite: "A/B/C" in Honor Pre-Calculus OR "A/B" in Pre-Calculus, teacher recommendation and 70% on end of year readiness exam (if available), Prerequisite: AIM3 - "A", teacher recommendation, passing score on the Calculus readiness exam (when available) and 70% on end of year readiness exam (if available)		

Course Description:

This course is designed to prepare students for the Advanced Placement Calculus AB test. Topics include: analysis of graphs and functions including limits and continuity; the concept of a derivative including meaning, computation and applications; properties of integrals such as techniques of anti-differentiation, numerical approximations, and application including area and volume. Student use of a graphing calculator is recommended.

All students are encouraged to take the AP test in May. The AP test must be taken if a student wants the opportunity to earn college credit.

Recommended Skills: good knowledge of trig functions, polynomial functions, series, area and volume of various shapes.

Syllabus link: