

Advanced Placement Mathematics at James Bowie High School (Calculus AB, BC, and Statistics)

AP mathematics courses are designed for those students who show high levels of aptitude for, interest in, and/or commitment to the study of mathematics. Each course is aligned with the College Board's recommendations and prepares students to be successful on the AP exam administered in May. As you and your student consider academic and extra-curricular commitments for the 2010-2011 school year, it is imperative to consider the following before enrolling in an AP mathematics course.

- The pace of AP courses is faster than that of other mathematics courses.
- It will be assumed that students in AP math courses have mastered the material from all previous math courses. In general, review of concepts that were developed in the prior mathematics courses will be minimal.
- Daily attendance and daily review of class notes are crucial for a thorough understanding of the concepts.
- Students should expect an average of 30 to 60 minutes of homework outside of class per day.
- Assessments are rigorous, and approximately 70-75% of the course grade is determined by test grades.
- All tests must be completed within a single class period.

We have found that the following criteria correlate highly with success in AP mathematics courses:

- Near-perfect attendance. Catching up in an AP math class can be very difficult.
- Exceptionally high rates of accuracy and timely completion on daily assignments.
- Strong ability to work independently.
- Strong organizational and time management skills.

It is very important that you and your student select courses for next year with careful consideration. ~~June 10~~ **May 1** will be the absolute deadline for any student or parent to request changes. This must be done through **written communication** with the data processing office at Bowie. After ~~June 10~~ **May 1**, **requests for dropping an AP class will not be considered until a student has been in a class for two weeks and then will only be considered in special circumstances. Such requests will go to committee for review and decision.**

It is important that students learn to face challenges and that they understand the meaning of commitment. Furthermore, students' course selections determine the master schedule, the hiring and reassignment of teachers, and the purchase of classroom materials, so we will strictly adhere to these deadlines.

With their signatures on the James Bowie High School Course Contract, parents and students acknowledge their understanding of the commitment required to succeed in the selected mathematics course.