

St. Joseph Catholic High School

AP Calculus AB

AP Calculus is a college level course covering material traditionally taught in the first semester of college calculus. Students need a strong foundation to be ready for the rigorous work required throughout the year. Completing the review packet before the beginning of the course will help ensure a proper background.

This packet consists of a review of topics studied in Algebra II and Trigonometry/Pre-Calculus. Students should expect to work approximately 10 hours on this assignment. The packet should be turned in to Mrs. Webb on the first day of school, and will be graded based on completeness and accuracy of solutions. **You must show your work for all problems. Do not list only an answer.** For each day this work is not turned in after the first day of school, 25% of the total will be deducted.

Students who struggle with the review material should consider if Calculus is the appropriate math course. It is imperative that each student enters Calculus with a strong understanding of the pre-requisite material because no time will be allotted for re-teaching. The decision concerning who may continue with AP Calculus is at the discretion of the instructor.

Students enrolled in AP Calculus will be using a graphing calculator throughout the course. A calculator will not be provided. It is your responsibility to purchase one of the following: TI-83, 83+, 84, 84+, 84+ Silver Edition.

Calculus is a challenging, stimulating, dynamic field of mathematics, and I look forward to sharing my enthusiasm for this material with you. If you have any questions or need to contact me over the summer my email address is amanda.webb@stjosephhs.org. I am available to participate in Zoom sessions to help with the summer packet as your request!

Students will be working throughout the year to take the AP Calculus AB Exam which will be on Tuesday, May 4, 2021 at 8:00am. More information on this exam will be given out at the beginning of the year.

Have a great summer!