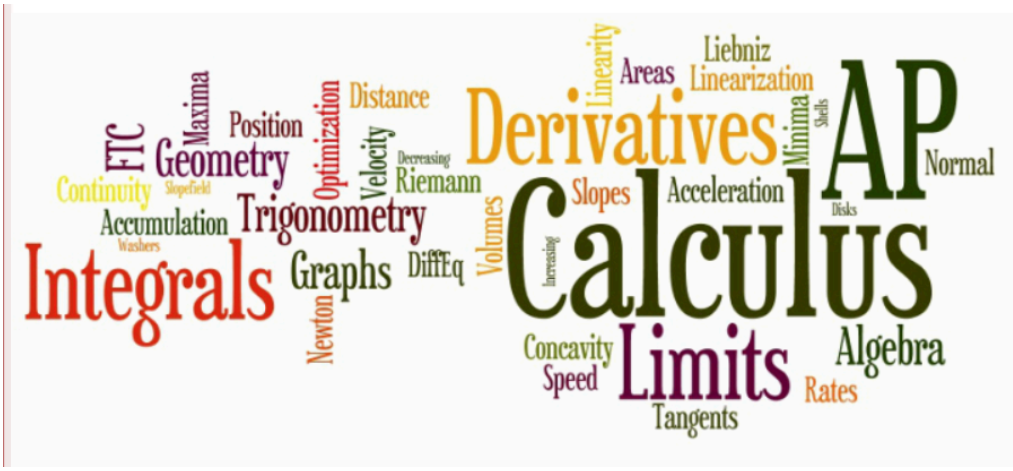
Fairfield College Preparatory High School AMDG

Summer Assignment for AP Calculus BC



Welcome to AP Calculus BC. Calculus can be challenging on its own, and with the pace that the BC course requires, it can be overwhelming if you do not keep up with the homework assigned. Start off on the right foot with this summer packet and get into the routine of completing the out of class work so that you are prepared to follow and understand the concepts in class. I look forward to having you in class next year. If you have any questions over the summer, please feel free to contact me at kcerruti@fairfieldprep.org

You are not required to do EVERY problem in this packet, but you are responsible for all content. There is no special order that they need to be completed in. Work for each question you attempt should be on the same page. Be sure to circle any questions that you are unsure about so that it is easy for you to locate the problems you need clarification on during those first two days. Save your work and upload them to schoology when the school year starts. I will ask you during the first days of school to reflect on what you learned by completing this assignment for a grade.

Links to assignments for review of limits, continuity and derivatives.

Calculus Quest: Derivative Maze

Differentiation

Evaluating Limits Indeterminate Form

Finding Derivative Maze

Finding Limits from Graphs

Limits Maze

Limits at Infinity Maze

Limits at Infinity Riddler Puzzle

Properties of Limits with Graphs 1

Properties of Limits with Graphs 2

Properties of Limits with Graphs 3

Properties of Limits with Graphs 4

Resources:



[Answer Key]



Khan Academy has access to a multitude of instructional videos that can help when relearning or reviewing concepts and skills.

[Khan Academy]



This resource is a computational knowledge engine, which can help with finding solutions and understanding concepts.

[Wolfram Alpha]