Mrs. Medlen
AP Calculus AB
Lesson Plans

CARROLL HIGH SCHOOL

	Monday 8/21	Tuesday 8/22	Wednesday 8/23	Thursday 8/24	Friday 8/25
College Board Curriculum Framework Objectives:	*Express Limits symbolically using correct notation(1.1A), Numerical and Graphical information can be used to estimate limits (1.1B), Find limits using algebra, trig, squeeze theorem(1.1C), Interpret behavior of functions using limits (1.1D), Analyze functions for intervals of continuity of points of discontinuity (1.2A), Use information from a table to estimate the instantaneous rate of change at a given time (2.1B1)*				
Before:	*Lesson: Continuity	*Review Homework Set	*Unit 1 Test (Limits & Continuity) 	*Lesson: Average Rate of Change (AROC)	*Homework Review
During:	*Group Collaboration Problems	*Unit 1 Wrap-Up		*Intro to Derivatives (IROC)	*Lesson: Intro to Derivatives/Defn of Derivative
After:	*Continuity Homework Set	*Unit 1 Wrap-Up		*Group Collaboration Problems *AROC HW Set	*Group Collaboration Problems *Defn of Derivatives HW Set
Desired Outcome:	Students will be able to explain the continuity/discontinuity of a function.	Students will review concepts we've learned about limits and continuity.	Students will demonstrate their understanding on topics of limits and continuity.	Students will be able to find the average rate of change of a function.	Students will be able to estimate and find the instantaneous rate of change of a function.
Formative/ Summative:	Student questioning	Student questioning	Test	Student questioning	Student questioning
Critical Questions:	*Explain how to determine whether a function is continuous at x=c.*			*Explain the difference between finding AROC vs IROC. What does each look like graphically?*	*Explain the basic notion of a derivative. How can a limit be used to calculate a derivative?*