AP Calculus BC
Weeks of 10/20 – 10/24

Due Dates

10/27 – 4.3 assignment

10/29 – 4.4 assignment

Upcoming Assessments

11/13-11/14 – Units 4 and 5 Test

Monday: Unit 4.1 – Approximating with Tangent Lines	LT: I can use a tangent line to approximate y-values of a function. In class: • Bell Ringer • Classwork: Partner Math Activity • Exit Ticket HW: Watch the 4.2 video and take notes.
Tuesday: Unit 4.2 – L'Hôpital's Rule	LT: I can evaluate a limit in indeterminant form using L'Hôpital's Rule. In class: • Bell Ringer • Classwork: Scavenger Hunt Activity • Exit Ticket HW: Watch the 4.3 video through example 10
Wednesday: - Unit 4.3 – Absolute Extrema	LT: I can use derivatives to find absolute extrema. In class: • Bell Ringer • Classwork: pg. 89-90 #1-4, 6-22 even • Exit Ticket HW: Finish the 4.3 video and notes
Thursday: Unit 4.3 – Mean Value Theorem	LT: I can use the Mean Value Theorem to find where the average rate of change is equal to the instantaneous rate of change on an interval. In class: • Bell Ringer • Classwork: add #23-45 to yesterday's assignment. • Exit Ticket HW: Watch the 4.4 video and take notes

	Friday: Unit 4.4 – Increasing/Decreasing and the 1st Derivative Test	LT: I can use derivatives to find the intervals of increasing and decreasing of a function and the first derivative test to identify relative extrema. In class: • Bell Ringer • Classwork: pg. 93=95 #1-35 odd • Exit Ticket HW: Watch the 4.5 video through example 6

"Pure mathematics is, in its way, the poetry of logical ideas." – Albert Einstein