AP Calculus BC
Weeks of 10/6 – 10/10

<u>Due Dates</u>

10/6 – Unit 3.3 Assignment

10/7 – Unit 3.4 Assignment

10/9 – Unit 3.5 Assignment

10/10 - Unit 3.6 Assignment

10/13 – 3.6 Circuit

10/15 – Unit 3 Review

<u>Upcoming Assessments</u>

10/14-10/15 – Unit 3 Test

Monday: Unit 3.4 – Related Rates	LT: I can use implicit differentiation to solve problems involving related rates of change. In class: • Bell Ringer • Review the 3.4 notes • Class Activity: Related Rates Ladder • Exit Ticket HW: Watch the 3.5 video and take notes
Tuesday: Unit 3.5 – Derivatives of Inverse Functions	LT: I can find the derivatives of functions by using the relationship to their inverse. In class: • Bell Ringer • Review the 3.5 notes • Class Activity: pg. 67-68 #1-11 all • Exit Ticket HW: Watch the 3.6 video
Wednesday: Unit 3.6 – Derivatives of Inverse Trig Functions	LT: I can find derivatives of inverse trig functions. In class: • Bell Ringer • Review the 3.6 notes • Independent Practice: pg. 73 #2-30 even • Exit Ticket HW: none
Thursday: Unit 3.6 – Derivatives of Inverse Functions	LT: I can find derivatives of inverse trig functions. In class: • Bell Ringer • Independent Practice: Inverse Trig Functions Circuit • Exit Ticket HW: none

	Friday: Unit 3 Review	LT: I can prepare for the upcoming test by reviewing concepts from Unit 3. In class: • Bell Ringer • Class Activity: AP Classroom + pg. 69 #26-35 + pg. 74 #31-42 • Exit Ticket HW: Study!

"It is impossible to be a mathematician without being a poet in soul." Sofia Kovalevskaya