



Class: AP Calculus AB

Unit 3: Differentiation: Composite, Implicit, and Inverse Functions

10/23 to 11/12

Thursday 10/23	-3.1 Chain Rule -In Class Activity: Intro to Chain Rule -HW: Watch 3.1 Video and Fill in Notes
Friday 10/24	-3.1 Chain Rule -Pg 168 #1,5-110 Multiples of 5
Monday 10/27	-3.1 Chain Rule -Chain Rule Stations Activity In Class -HW: Watch 3.2 Video and Fill in Notes
Tuesday 10/28	-3.2 Implicit Differentiation -3.2 Activity: Scavenger Hunt
Wednesday 10/29	-3.2 Implicit Differentiation -Pg 179 #5,7,11,15,19,27,32,41,59,67 -HW: Watch 3.3 Video and Fill in Notes
Thursday 10/30	-3.3 Derivatives of Inverse Functions -Whiteboard Problems in Class
Friday 10/31	-3.3 Derivatives of Inverse Functions -Pg 186 #1,2,5,8,10,13,16,17,21
Monday 11/3	-Derivatives of Transcendental and Inverse Functions Circuit WS -HW: Watch 3.4 Video and Fill in Notes
Tuesday 11/4	-3.4 Differentiating Inverse Trig Functions -Pg 186 #23,27,31,32,43,47,49,63 -HW: Watch 3.5 Video and Fill in Notes
Wednesday 11/5	-3.5 Selecting a Procedure -X-Factor Activity in Class -HW: Watch 3.6 Video and Fill in Notes
Thursday 11/6	-3.6 High Order Derivatives -Pg 154 #87,88,91,95,99,101,104,109-112, 115,116,121,122,138-140
Friday 11/7	-Unit 3 Review Packet
Monday 11/10	-Unit 3 Review Packet -Extra Review Problems in Class
Tuesday 11/11	-First half of class, finish reviews -Second half of class, Unit 3 Test Calculator Portion (30 minutes)
Wednesday 11/12	-Unit 3 Test, NO Calculator Portion -HW: Watch 4.1 Video and Fill in Notes