

BC Calculus
Chapter 4

Monday	Tuesday	Wednesday	Thursday	Friday
9/12	9/13	9/14	9/15	9/16
Higher Order Derivatives p. 195 # 5 – 9 odd, 15, 25, 31, 43, 45	Review p. 214 # 1 – 3, 13 – 23 odd, 26, 29, 39, 40, 45, 48, 55, 69, 71, 84 – 86	Lab Ch. 3	Questions on Lab Ch 3 Test Ch. 3 TH Ch. 3	Extrema p. 229 # 1 – 6, 7 – 43 every other odd, 45 – 63 odd TH Ch. 3 Due
9/19	9/20	9/21	9/22	9/23
MVT & Rolle's Theorem p. 238 # 1 – 7 odd, 8, 11 – 19 odd, 23 – 25	CW 8, WS MVT/Rolle's Quiz: Extrema, MVT, Rolle's	Inc/Dec Functions p. 247 # 1, 2 a&b only (save room), 5, 6, 8 a&b only (save room), 11 – 16 a&b only	Curvature p. 247 # 1, 2 c-e, 8 c&d, 9, 10, 17 – 21, 27, 28 Lab: CW 6, 7	p. 248 # 23, 25, 29, 35, 29, 51, 52 Quiz: Curve Sketching
9/26	9/27	9/28	9/29	9/30
Infinite Limits and Limits at Infinity WS: Vertical Asymptotes; p. 260 # 1 – 5, 9 – 33 odd	Math Drop Day p. 261 # 35 – 45 odd, 51, 53, 60	Curves Summary p. 270 # 7, 11, 13, 17, 23, 29, 39 Curves on Calculators p. 277 # 8, 9, 17	Lab: Curve Sketching Test Curve Sketching TH: Curves	Related Rates: p. 202 # 1 - 8
10/3	10/4	10/5	10/6	10/7
Fall Break	Fall Break	Fall Break	Fall Break	Fall Break

10/10 WS Related Rates	10/11 WS Related Rates	10/12 Senior Meeting	10/13 Lab Questions: Related Rates Quest: Related Rates	10/14 Optimization: p. 283 # 2 – 6, 9 – 12
10/17 p. 283 # 15 – 19, 28, 40, 4	10/18 Quiz: Optimization	10/19 Parent Conferences	10/20 Differentials p. 210 # 5 – 9 odd, 11 and 13 verify only, 15 – 25 odd, 31 – 37 odd, 39 – 42 Lab: Differentials	10/21 Economics p. 293 # 3, 5, 11, 13, 21, 22
10/24 Newton's Method p. 298 # 1 – 4, 5 – 13 odd	10/25 Begin Lab Ch. 4 Quiz: Differentials and Economics	10/26 Continue Lab Ch. 4	10/27 Complete Lab Ch. 4 Test Ch. 4 TH Ch. 4	10/28 TH Ch. 4 Due