## AB Calculus – Liberty High School

Second Grading Period October 21 – December 20, 2019									r 20, 2019	
Monday		Tuesday		Wednesday		Thursday		Friday		
October	r <b>21</b> A Day	22	B Day	23	A Day	24	B Day	25	A Day	
4.1 & 4.2 Critical Numbers Absolute & Relative Extrema Extreme Value Theorem Mean Value Theorem Practice Pg. 207 #11, 13, 15, 17, 20, 23, 29-32 Pg. 214 #9-14, 19, 20, 33-36, 41, 44, 47				4.3 & 4.4 Increasing/Decr Concavity Practice: Pg. 232 #13, 1 Ignore directions in book. examples in cl			4.4 Decreasing vity 3, 17, 21, 26, 43; pok. Just graph like in class.		How does College Board Test Curve Sketching? (Analyzing Graphs of f, f', f'') Practice: AP Packet	
28	B Day	29	A Day	30	B Day	31	A Day	Novem	ber1B Day	
How does College Board Test Curve Sketching? (Analyzing Graphs of f, f', f'') Practice: AP Packet			ket and Fin rivatives	et and Find the Error ivatives Test AP Class Skills Check on 4.1-4. f <sup>o</sup> graphs			on 4.1-4.4 graphs	and Analyzing		
4	A Day	5	B Day	6	A Day	7	B Day	8	A Day	
Test on Theorems and Curve Sketching				3.7 Related Rates Day 1 Practice: Worksheet on RR day 1			1 X day 1	3.7 Related Rates Day 2 Practice: Worksheet on RR day 2		
11	B Day	12	A Day	13	B Day	14	A Day	15	B Day	
3.7 Related Rates Day 2 Practice: Worksheet on RR day 2			ation 4.7 mization WKS			8.7 L'Hc Practice: W	8.7 L'Hopital's Rule Practice: WKS on L'Hopital			
18	A Day	19	B Day	20	A Day	21	B Day	22	A Day	
Practice Problems (RR, Opt, and L'Hop) Retest – Theorems and Curve Sketching				Quiz: Optimization, Related Rates and L'Hopital's Rule				Review of all things Derivative		
Thanksgiving Break November 25 – 29										



Decem	ıber2	B Day	3	A Day	4	B Day	5	A Day	6	B Day
Review of all things Derivative		AP Class Skills Check Derivatives and Applications (all first semester topics)				Cumulative Test on Limits, Differentiation, and Applications of Differentiation				
9	A	A Day	10	B Day	11	A Day	12	2 B Day	13	A Day
5.2 & 5.6 Left/Right/Midpoint/ Trapezoid Rules Practice: WKS on Reimann Sum					5.2 Su Pra	Immation Formul 5.3 Definit Geomet actice: WKS on <i>I</i>	las and re Integ ric Area Area Ur	Sigma Notation rals a nder a Curve	Qu: Re	z on Area and rimann Sums
16	I	3 Day	17	A Day	18	B Day	19	A Day	20	B Day
Quiz on Area and Reimann Sums		5.1 Antiderivatives Practice: Pg. 287 #5, 6, 11, 12, 14, 17, 20, 22, 23, 24, 26, 34, 35, 36, 51, 53			FTC Part 1 Practice: WKS on FTC Part 1 Retest – Cumulative Test					