Calculus AP
Tentative Timeline/Assignment Sheet

Date/Day	Topic	Page	Assignment
	Chapter Two		
	2.1 Limits	62	7 to 15 odds
	2.1 Limits	62	1 to 6, 17 to 29 odds, 31, 49, 51, 43 to 48
	2.2 Limits involving Infinity	71	1 to 15 odds, 17a, 19a, 21a, 23, 47, 49
	Work Period		
	2.3 Continuity	80	1 to 15 odds, 19 to 23 odds, 35, 37
	2.4 Rates of Change and Tangents	87	1 to 5 odds, 9, 11, 13, 15, 19
	Review	91	1 to 9 odds, 15 to 19 odds, 21 to 26 all
	Review	91	27b, 28b, 29, 31, 33b, 36b, 39, 41 to 50, 52
	Test Chapter 2		
	Chapter Three		
	3.1 Graphs of the Derivative	101	1, 7 to 10, 14, 15abc, 17, 18, 20, 22
	3.3 Differentiation	120	1 to 31 odds, 35
	3.2 Differentiability	111	1 to 10, 17 to 21odds, 25, 27, 29
	3.4 Velocity + Other Rates of Change	129	2, 3, 9, 10, 11, 21, 25
	Work Period		
	3.5 Derivatives of Trigonometric Functions	140	1 to 13 odds
	3.6 Chain Rule	146	1 to 27 odds, 35, 43
	3.6 Chain Rule	147	33, 39a, 41, 43, 51, 53, 57, 56
	3.7 Implicit Differentiation	155	9 to 19 odds, 23, 25, 27, 33, 41
	1.6 Intro: Inverse Trigonometric Functions	48	7 to 10, ANS# 8 #10 0.7954
	3.8 Derivatives of Inverse Trig Functions	162	1, 3, 13, 17, 19, 21bc, 23
	Work Period		
	3.9 Derivatives of Exponential Functions	170	1 to 17 odds
	Intro to Logarithmic Functions		Worksheet
	3.9 Derivatives of Logarithmic Functions	170	21 to 39 odds, 45
	Review	172	1 to 23 , 27, 35, 37, 43, 45, 49, 51, 55 to 58
		172	55 to 65, 67*, 69, 71 to 74
	Test Chapter 3		
	Chapter Four		
	4.1 Extreme Values	184	1,2,8,9,10, 11 to 25 odds, 36, 37, 41,45 to 48,
	4.2 Mean Value Theorem	192	1to13odds,15,16,21,25,27,35to37,39,40,42,51a,52a
	End of Term One		
	4.3 Connecting f and f	203	1 to 6, 9 to 12(algebra), 13, 25(GC), 31, 33
			34, 37, 41, 47, 48
	4.4 Optimization	214	1 to 13 odds, 17, 19, 27,33,36, 40, 42,48
	Work Period		
	4.5 Newton's Method	229	15 to 18
	4.6 Related Rates	237	1 to 35 odds
	Review	242	2, 5 to 15 odds, 17, 19, 25, 31, 32,
	Review	242	34 to 36, 38, 42, 45 to 69 odds (not # 55, 65, 67)
	Test Chapter 4		
	Christmas Holidays		
	Chapter Five		
	5.1 Area under the Curve- graphics calculator	254	1, 2, 5 to 8,
	5.1 Area under the Curve- algebraic	254	1 (alg), 5 (alg 4 subregions), 9, 11 to 13, 22, 24, 25
	5.2 Definite Integral (infinite rectangles)	267	3 questions
	5.2 Definite Integral (short cuts)	267	7 to 21 odds, 29-35 odds NO CALCUlator,
			39 to 42, 43, 45, 46
	5.3 Definite Integral + Average Value of Function	274	1, 3, 5, 17, 21, 25, 29 plus worksheet
	5.4 Funtamental Theorem of Calculus	286	1, 9, 11, 15, 17, 25, 27, 31, 53 to 55
	5.4 Accumulating Area	287	53, 54, 55 plus a worksheet
	5.5 Trapezoidal Rule	295	1, 7, 8, 9
	Review	298	1, 4, 5, 9, 11, 12a, 13 to 23 odds, 33,36

	Topic	Page	Assignment
	Review	298	38, 46, 50, 54, 56
	Test Chapter 5		
	Chapter 6		
	6.1 Antiderivatives	312	1 to 23 odds, 50, 51, 52, 53
	6.2 Integration by Substitution	321	1 to 41 odds, 42, 43
	6.2 Con't Separable Differential Equations	322	39 to 44
	6.4 Exponential Growth & Decay	338	1 to 4, 11 to 15 odds, 21, 22, 25-29
	6.4 Con't Newton's Law of Cooling	338	18,19, 20, 23, 33
	Slope Fields	313	43, 44, Worksheet p347 #9-12,
	Review	358	1 to 13, 15, 16
	Review	358	21 to 32, 35, 37, 45a, 46 to 52, 56
	Test Chapter 6		
	End of Term Two		
	Chapter 7		
	7.2 Area Between 2 Curves	380	1 to 10, 11 to 36 odds, 41, 43
	7.3 Volume using the Disk Method	390	13 to 21
	7.3 Washer Method	390	22 to 38, 45 to 49 odds
	Spring Break		
	7.3 Volume of Solid Figures	390	1 to 10
	7.1 Integrals as Net Change	371	1 to 11 odds, 12 to 16, 19 to 28
	7.5 Work	407	1 to 11, 17 to 24
	8.1 L'Hopital's Rule	423	1 to 14
	Review	413	1 to 26, 32 to 34, 36, 39
	Review		
	Test Chapter 7		
	Review for Year-End Final		Work through the Review Booklets
			AP students also work through
			the practise exams
	AP CALCULUS EXAM MAY 9 8am		
	FINAL EXAM (all students)		
	MANDATORY STUDY PERIOD UNTIL THE END OF THE YEAR		