Week		Day	Section	Торіс	Textbook	WebAssign
Veek 1		1		MLK Day		(for Reference)
	Jan 24	2		Introduction to Calculus		
				The Limit of a Function (limits using numerical		
	20 - ,	3	2.2	approximations, graphs, one-sided limits)	p. 92 # 1, 2, 11, 15, 16	# 6, 7, 9
	Jan 2				p. 94 # 3, 30, 31, 33, 36, 37, 40, 42a, 51 Find V.A.(s) of f(x) = (x^2+ 5x+6)/(x^2+	
		4	2.2	The Limit of a Function (Infinite Limits, VA)	2x-3)	# 31, 37, 40
Week 2 Test 0	Jan 27 - Jan 31			Calculating Limits Using the Limit Laws (Limit	p. 103 #52, 61, 62, 64	
		1	2.3	Laws, Graphical Limits)	p. 167 T/F # 1-3, 6-9, 11	# 1, 2, 53
				Calculating Limits Using the Limit Laws (Factoring, Trig Limits, Rationalizing)	p. 103 #10, 16, 19, 29, 31 p.198 #45, 52, 54, 60	2.3: # 2, 13, 15, 23
		2	2.3	*Note trig limits can be found in Section 3.3	p. 167 T/F # 4, 5, 10	3.3: # 45, 51, 60
				Calculating Limits Using the Limit Laws (Absolute	p. 103 # 39, 41, 42, 44, 45, 47, 48, 49	
		3	2.3	Values, Squeeze Theorem)	p.171 # 3	# 43, 51, 54
		4	2.5	Continuity (Left/Right Continuous, Functions Continuous on Their Domains)	p. 124 # 9, 20, 22, 23, 50 p. 167 T/F # 24, 25	# 6, 12, 22
			W	Test 0 [Sections 2.2, 2.3 (Day 1 & Day 2)]		
Veek 3					p. 126 # 52, 54, 55, 58, 70	
	Feb 3 - Feb 7	4	2.5	Continuity (Intermediate Value Theorem)	p. 167 T/F # 17, 23	# 57 62
		1	2.5	Continuity (Intermediate Value Theorem)	p. 168 # 34; p. 172 # 8 p. 125 # 42, 44, 47, 48, 49	# 57, 63
		2	2.5	Continuity (Continuity of Piecewise Functions)	Supplementary Problems (2.5)	# 45, 48
		3	2.6	Limits at Infinity; Horizontal Asympotes	p. 137 # 4, 8, 18	# 3, 17, 51
		4	2.6	Limits at Infinity; Horizontal Asympotes	p. 137 #25, 26, 30, 36, 52, 55, 58, 59, 65a p. 167 T/F # 12, 13	# 67, 68
Veek 4	Feb 10 - Feb 14		2.0	Limits at iminity, Honzontal Asympotes	p. 149 # 5, 8, 13, 18, 34, 36, 43, 44	# 8, 11, 15, 17, 36, 51
		1	2.7	Derivatives and Rates of Change	p. 167 T/F # 20	55
					p. 163 # 23, 29, 32, 40, 42, 49, 57, 65	
		2	2.8	The Derivative as a Function & Review	p. 167 T/F # 21, 22 p. 170 # 51	# 3, 16, 41
					p. 181 # 10, 21, 22, 25, 28, 29, 41, 59, 61,	
		~			63, 70, 80, 81, 85	# 12, 21, 33, 41, 50, 5
		3	3.1	Derivatives of Polynomials and Exponentials	p. 269 T/F # 1, 6, 7, 11, 14, 15 p. 188 # 6, 10, 23, 24, 29, 31, 37, 47, 48,	56, 70
					50, 63	# 7, 17, 30, 33, 45, 51
		4	3.2	The Product and Quotient Rules	p. 269 T/F # 2, 13	59
Veek 5		1	М	Test 1 [Sections 2.2, 2.3, 2.5, 2.6, 2.7, 2.8]		
Test 1	Feb 17 - Feb 21	2	3.3	Derivatives of Trigonometric Functions	p.197 # 4, 9, 19, 24, 29, 38, 39 (on [0,2π]), 45, 49, 52, 54, 56, 58, 60	# 7,15, 29, 61
			0.0		p. 206 # 3, 5, 29, 30, 32, 35, 38, 43	# 6, 7, 13, 22, 41, 51,
		3	3.4	The Chain Rule	p. 269 T/F # 3, 4, 5	52, 56
					p. 207 # 65, 67, 71, 80, 83, 92, 93, 98a,b p. 275 # 18, 20	
		4	3.4	The Chain Rule	p. 269 T/F # 9, 10, 12	# 69, 77, 91
Week 6	Feb 28				p. 215 # 10, 14, 20, 26, 27, 35, 40, 43,	
		1	3.5	Implicit Differentiation	62a	# 5, 15, 21, 25, 61
				Implicit Differentiation (Inverse Trig Derivatives) *Note that we will cover Inverse Trig Derivatives in		
	24 -	2	3.5	Section 3.5 rather than 3.6.	p. 224 # 64, 66, 75, 76, 81	p. 224 # 63, 65, 73
	Feb 2		2.0		p. 224 # 13, 25, 26, 31, 36, 40, 43, 44	#4 E 6 9 04 00 00
		3 4	3.6 3.6	Derivatives of Logarithmic Functions Derivatives of Logarithmic Functions (Log Diff)	p. 269 T/F # 8 p. 224 # 46, 50, 51, 54, 56, 58	# 4, 5, 6, 8, 21, 26, 32 # 49, 57
Week 7	Mar 7	-				
		1	3.9	Related Rates	p. 251 # 4, 12, 16, 17	# 6, 9, 12, 13, 50
	3 - N	2	3.9	Related Rates	p. 251 # 18, 25, 26, 30, 32, 43	# 18, 25, 35, 42, 45
	Mar (	3	3.10	Linear Approximations	p. 258 # 4, 10, 31, 36, 40a, 52	# 5, 31, 36, 40
	2	4				

Final Exam	┦─┤	S		May 10th 7:00 PM - 9:00 PM		
	May 5 -	2		Final Exam Review 3		
Week 15	- May 7 Apr	1		Final Exam Review 2		
		3		Final Exam Review 1		
iest 4	28 - May	W	w	Test 4 [Sections 4.9, 5.1-5.5]		
Week 14 Test 4	ay 2 A	1		Review & Catch Up	p. 428 T/F # 1-20	
		4	5.5	The Substitution Rule	p. 425 # 62, 66, 72, 75, 77, 83, 85, 90, 93	# 61, 65, 68, 73, 87
	pr 21	3	5.5	The Substitution Rule	p. 425 # 10, 22, 35, 42, 46, 54	# 3, 15, 27, 31, 40, 50
	- Apr 2	2	5.4	Indefinite Integrals and the Net Change Theorem	p. 415 # 3, 14, 15, 22, 35, 45, 46, 52, 54, 55, 61, 62, 71, 74	# 10, 13, 15, 22, 59, 64, 69, 72, 76
Week 13	25	1	5.3	The Fundamental Theorem of Calculus, Part 2	p. 406 # 21, 41, 45, 47, 49, 70, 73, 83, 94	# 29, 52, 79, 84
	Apr 14	4	5.2/5.3	The Definite Integral The Fundamental Theorem of Calculus, Part 1	p. 396 # 52, 53, 58, 61, 63, 65, 68, 80 p. 406 # 4, 9, 15, 20	5.2: # 26, 36, 39, 45, 57, 59, 62 5.3: # 3, 9, 13, 15, 17
1621 9	- Apr	2 3	5.1 5.2	Areas and Distances (sigma notation/limits) The Definite Integral	(*Use left endpoints) p. 394 # 5, 13, 14, 19, 25, 29, 32, 36, 46	# 15, 19, 22 # 1, 7, 12, 21
Test 3	r 18				p. 383 # 16*, 18*, 22, 23, 24	
Week 12	$\vdash$	4	5.1 M	Test 3 [Sections 4.1, 4.2, 4.3, 4.5, 3.7, 4.7]	μ. σσι π 1, 2, τ, 1, 0, 10	<i>n</i> <b>v</b> , n
	Apr 7 - Ap	3	4.9 5.1	Antiderivatives (Rules and Differential Equations) Areas and Distances	p. 361 # 1, 6, 9, 10, 12, 13, 16, 19, 20, 21, 22, 26, 40, 52, 54, 55, 57, 59, 60, 65, 68, 72 p. 381 # 1, 2, 4, 7, 8, 13	# 6, 9, 11, 15, 17, 33, 36, 43, 45, 71, 81 # 9, 11
	Apr 11	2	4.7	Optimization Problems	p. 342 # 40, 41, 54, 60, 71, 78	# 40, 54
Week 11		1	4.7	Optimization Problems	p. 342 # 5, 19, 25, 33	# 3, 7, 13, 27
		4	3.7	Rates of Change in the Natural and Social Sciences (Particle Motion only)	p. 235 # 6, 7, 8, 12 p. 271 # 93	# 1, 5, 7, 8, 9, 10
	Mar 31 - Apr 4	3	4.5/3.7	Summary of Curve Sketching and Rates of Change in the Natural and Social Sciences (Particle Motion only)	p. 327 #34, 44, 48 p. 365 T/F # 5, 6, 7, 8, 9, 10	4.1: # 23, 27 4.5: #24, 55
		2	4.5	Summary of Curve Sketching Note: Slant asymptotes are not covered.	p. 327 #11,12, 14	None
Week 10		1	4.3	What Derivatives Tell Us about the Shape of a Graph (Concavity/POI)	p. 305 # 7, 20, 33, 34, 36, 45, 88	# 23, 28, 32, 33, 43
	Mar 24	4	4.3	What Derivatives Tell Us about the Shape of a Graph (1st Derivative Test/ Increasing & Decreasing)	p. 305 # 8ab, 9, 15, 16	# 5, 15
	- Mar	2	4.2 4.2	The Mean Value Theorem	p. 364 T/F # 4 p. 296 # 16, 17, 21, 30, 31	# 9, 10, 13, 23, 25 # 16, 18, 40
Week 9 Test 2	ar 28	1 2	M	Test 2 [Sections 3.1-3.6, 3.9, 3.10, 4.8] The Mean Value Theorem	p. 295 # 3, 10, 13, 14, 23, 25, 41, 42	#0.40.42.02.05
	Σ	4	4.1	Maximum and Minimum Values	Supplementary Exercises	#57, 59, 63, 73, 74
	Mar 17 -	3	4.1	Maximum and Minimum Values	p. 286 # 10, 11, 28, 34, 41, 51, 82 p. 364 T/F # 1, 2, 3	# 5, 30, 39
	- Mar	2	4.8	Newton's Method	p. 354 # 5, 15, 31	# 13, 27