

## Math 6.001 and 6.002 (Redden) - Spring 2020

"eoo" stands for every other odd, or every 4th problem

Week	Dates	Material	Quiz/Test	Homework
1	1/21	Lines, Rates of change		From "Finite Mathematics" 1.1: 7-56 eoo, 57, 58, 67, 69
	1/23	Functions, Limits, Derivatives	Quiz 1	From the textbook: 2.2: 1-15 odd optional — 2.1: 1, 3, 13, 21, 23, 25 2.2: 25, 29, 35, 55
2	1/28	Derivative Rules		2.3: 1-30eoo, 31, 37, 47, 49, 51
	1/30	Derivative Rules	Quiz 2	2.4: 3, 5-22eoo, 27, 31-46eoo, 50, 59
3	2/4	Chain Rule	Quiz 3	2.6: 1-42eoo, 47, 49, 57, 64
	2/6	Higher-Order Derivatives and Graphing Using Derivatives	Quiz 4	2.5: 1, 7, 21, 33, 35, 39 3.1: 1, 4, 19, 39
4	2/11	Review for Test 1		
	2/13	<b>Test 1</b>	<b>Test 1</b>	
5	2/18	<b>No Class - Monday Schedule</b>		3.1: 25, 31, 45, 63, 65
	2/20	Graphing Using First and Second Derivatives		3.2: 7, 11, 19, 39, 58
6	2/25	Optimization	Quiz 5	3.3: 3, 9, 27, 33, 37, 41, 42, 45
	2/27	Optimization	Quiz 6	3.4: 1, 7, 12
7	3/3	Implicit Differentiation and		3.6: 1, 5, 21, 25, 33, 37, 41, 59, 66
	3/5	Related Rates	Quiz 7	
8	3/10	<b>Spring Break</b>		
	3/12	<b>No classes</b>		
9	3/17	Antiderivatives	Quiz 8	5.1: 1-40odd, 43, 47, 53
	3/19	Definite Integrals, Area		5.3: 1-12odd
10	3/24	Review		
	3/26	<b>Test 2</b>	<b>Test 2</b>	
11	3/31	FTC - Fundamental Theorem	Quiz 9	5.3: 19-35eoo, 73, 75, 77
	4/2	of Calculus, Applications	Quiz 10	5.4: 1-13eoo, 30, 45, 47, 52
12	4/7	Substitution		5.6: 1-4, 7, 9, 13, 14, 23, 24
	4/9	Substitution, Surplus		
13	4/14	Consumer & Producer Surplus	Quiz 11	5.5: 1, 5, 9, 13
	4/16	TBA	Quiz 12, 13	
14	4/21	Review		
	4/23	<b>Test 3</b>	<b>Test 3</b>	
15	4/28	Review		
	4/30	Snow Day/Optional Review		
	5/7	Section 3, 10:55a-1:35p	<b>FINAL EXAM</b>	(time/date to be confirmed by Registrar's office)
	5/9	Section 1, 8:00a-10:40a		