

Math 6.001 and 6.002 (Redden) - Spring 2020

(Following previously used 2nd edition of textbook)

"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: 8.2: 1-15 odd optional — 2.1: 1, 3, 13, 21, 23, 25 8.2: 25, 29, 35, 55
2	1/28	Derivative Rules		8.3: 1-30eoo, 33, 37, 43, 44, 47, 49
	1/30	Derivative Rules	Quiz 2	8.4: 3, 5-36eoo, 47
3	2/4	Chain Rule	Quiz 3	8.6: 1-40eoo, 47, 54
	2/6	Higher-Order Derivatives and Graphing Using Derivatives	Quiz 4	8.5: 1, 7, 21, 33, 35, 39 9.1: 1, 4, 19, 39
4	2/11	Review for Test 1		
	2/13	Test 1	Test 1	
5	2/18	No Class - Monday Schedule		9.1: 25, 31, 45, 58, 59
	2/20	Graphing Using First and Second Derivatives		9.2: 7, 11, 17, 45, 54
6	2/25	Optimization	Quiz 5	9.3: 3, 7, 23, 25, 29, 31, 32, 35
	2/27	Optimization	Quiz 6	9.4: 1, 7, 12
7	3/3	Implicit Differentiation and		9.6: 1, 5, 21, 25, 33, 37, 49, 56
	3/5	Related Rates	Quiz 7	
	3/10	Spring Break		
	3/12	No classes		
8	3/17	Antiderivatives	Quiz 8	11.1: 1-34odd, 39, 43, 46
	3/19	Definite Integrals, Area		11.3: 1-12odd
9	3/24	Review		
	3/26	Test 2	Test 2	
10	3/31	FTC - Fundamental Theorem	Quiz 9	11.3: 19-35eoo, 73, 77, 79
	4/2	of Calculus, Applications	Quiz 10	11.4: 1-11eoo, 26, 41, 43, 45
11	4/7	Substitution		11.6: 1-4, 7, 9, 13, 14, 23, 24
	4/9	Substitution, Surplus		
12	4/14	Consumer & Producer Surplus	Quiz 11	11.5: 1, 5, 9, 13
	4/16	TBA	Quiz 12, 13	
13	4/21	Review		
	4/23	Test 3	Test 3	
14	4/28	Review		
	4/30	Snow Day/Optional Review		
	5/7	Section 3, 10:55a-1:35p	FINAL EXAM	(time/date to be confirmed by Registrar's office)
	5/9	Section 1, 8:00a-10:40a		