Math 6.002 (Redden) — Fall 2021 — *Draft*

Schedule as of 9/14/21; "eoo" stands for every other odd, or every 4th problem

Week	Dates	Material	Quiz/Test	Homework	HW Due Date
1	9/7	*No Classes - Labor Day*			
	9/9	Lines, Rates of change		2.2: 3, 5, 9, 12	Fri 9/17 (HW 1)
2	9/14	Functions, Limits, Derivatives		2.2: 17, 29, 35, 55 optional — 2.1: 1, 3, 13, 21, 23, 25	Fri 9/17 (HW 1)
	9/16	Derivative Rules	Quiz 1	2.3: 1-30eoo, 31, 37, 47, 49, 51	
3	9/21	Derivative Rules	Quiz 2	2.4: 3, 5-22eoo, 27, 31-46eoo, 50, 59	
	9/23	Chain Rule	Quiz 3	2.6: 1-42eoo, 47, 49, 57, 64	
4	9/28	Graphing Using First and		2.5: 1, 7, 21, 33, 35, 39	
	9/30	Second Derivatives	Quiz 4	3.1: 1, 4, 19, 25, 31, 39, 45, 63, 65 3.2: 7, 11, 19, 39, 58	
5	10/5	Review			
	10/7	**Test 1**	**Test 1**		
6	10/12	Optimization		3.3: 3, 9, 27, 33, 37, 41, 42, 45	
	10/14	Optimization	Quiz 5	3.4: 1, 7, 12	
7	10/19	Optimization and/or			
	10/21	Implicit Differentiation	Quiz 6	TBA	
8	10/26	Implicit Differentiation and		3.6: 1, 5, 21, 25, 33, 37, 41, 59, 66	
	10/28	Related Rates	Quiz 7		
9	11/2	Review	Quiz 8		
	11/4	**Test 2**	**Test 2**		
10	11/9	Antiderivatives		5.1: 1-40odd, 43, 47, 53	
	11/11	Substitution	Quiz 9	5.6: 1, 3, 7, 13, 23	
11	11/16	Definite Integrals, Area	Quiz 10	5.3: 1-12odd	
	11/18	FTC - Fundamental Theorem Calc	Quiz 11	5.3: 19-35eoo, 73, 75, 77	
12	11/23	Funamental Theorem of Calculus			
	11/25	*No Classes - Thanksgiving*			
13	11/30	Review	Quiz 12		
	12/2	**Test 3**	**Test 3**		
14	12/7	Applications - Average Value, Areas		5.4: 1-13eoo, 30, 45, 47, 52	
	12/9	Consumer Surplus - **Last Class**	Quiz 13	5.5: 1, 5, 9, 13	
	12/14	Optional Review Session		**Project Due (12/14)**	
	12/16	**Final Exam 1:50p-4:30p**	FINAL EXAM		

(or 12/21, date to be confirmed by Registrar's Final Exam Schedule)