Math 122 - Spring 2026
Syllabus

Date	Section	Topic	#	Homework
January				
12		Review	1	352/21,25,45,53,57,61,69,73
13		**Quiz 1**		
14	7.1	Parts	2	405/5,9,13,23,45,51
16	7.2	Trig. Integrals	3	413/3,9,13,35,37,47
19	**No Class**	**MLK Day**		
20		**Quiz 2**		
21	7.3	Trig. Substitution	4	420/7,15,19,23,27,37
23	7.4	Hyperbolic Functions	5	425/3,7,11,17,25,29
26	7.5	Partial Fractions	6	434/5,9,15,21,31,37
27		**Quiz 3**		
28	7.7	Improper Integrals	7	450/5,17,23,27,33,39
30	7.9	Numerical Integration	8	461/1,3,7,13,17,19
February				
2		Review		
3		**Test 1**		
4	8.1	Probability	9	471/5,7,9,11
6	8.2	Arc Length		
9	8.2	Arc Length	10	478/5,7,9,37,39,43
10		**Quiz 4**		
11	8.3	Fluid Pressure	11	484/1,3,5,7,13
13	8.4	Center of Mass	12	494/13,15,21,23
16	9.1	Differential Equations	13	506/13,17,21,33,35,39
17		**Quiz 5**		
18	9.2	$y' = k(y - b)$	14	514/5,7,9,17,19,21
20	9.3	Euler's Method	15	522/11,15,17,19
23	9.4	The Logistic Equation	16	527/3,5,7,11,13,15
24		**Quiz 6**		
25	9.5	First Order Linear	17	532/5,13,19,23,25
27	9.5	Applications of First Order	18	533/33,35,37,39

March

2		Review		
3		**Test 2**		
4	10.1	Sequences	19	546/15,19,27,35,45,49,61
6		Return Test 2		
9-13	**No Class**	**Spring Break**		
16	10.2	Series	20	557/3,11,17,25,33,37
17		**Quiz 7**		
18	10.3	Integral Test	21	566/1,3,5,7,9,11
20	10.3	Comparison Test	22	567/17,19,21,23,27,39,41
23	10.5	Ratio and Root Test	23	579/1,5,9,11,13,37,39
24		**Quiz 8**		
25	10.4	Absolute and Cond. Convergence	24	574/3,5,7,27,29,33
26	10.6	Power Series	25	589/9,13,17,25,29,33
30	10.7	Taylor Polynomials	26	600/1,5,9,19,31,41
31		**Quiz 9**		

April

1	10.8	Taylor Series	27	613/7,9,15,21,29,49
3	11.1-11.2	Parametric Equations	28	626/7,11,15,23,51,69
		Arc Length		636/1,3,7,15,17
6		Arc Length	29	636/1,3,7,15,17
7		**Quiz 10**		
8	11.3	Polar Coordinates	30	643/1,3,5,13,15,21,39
10	11.4	Area in Polar	31	649/5,7,11,21,25
13		Review		
14		**Test 3**		
15	12.1-12.2	Vectors	32	677/9,19,29,47; 687/5,11,15
17	12.2	Lines	33	688/43,45,47,49,51,53
20	12.3	Dot Product	33	696/3,5,13,19,27,29,57,59
21		**Quiz 11**		
22	12.4	Cross Product	34	708/9,11,17,41,43
24	12.5	Planes	35	716/13,17,21,23,33,35
27		Review and class party		
28		Reading Day / Math Gala		
29		Reading Day		
30		**Math Final**		