

#	DOW	Day	Topic	Due/Comment
1	Wed	26-Aug	Introduction	
2	Fri	28-Aug	5.1: $\ln(x)$; differentiation	
3	Mon	31-Aug	5.2: $\ln(x)$; integration	5.1: 5, 7, 11, 17, 23-31 (odd), 41-53 (odd), 65, 67, 89, 91
4	Tue	1-Sep	5.3: inverse functions	5.2: 3-19 (odd), 33, 39, 41, 53, 55, 63, 71, 89, 97, 100
5	Wed	2-Sep	5.4: natural exponential functions	5.3: 2, 5, 17-21 (odd), 31-41 (odd), 51-55 (odd), 65, 67, 75, 94
6	Fri	4-Sep	5.5: Other bases and applications	5.4: 2, 4, 7, 11, 17, 21, 25, 33, 35, 43-47 (odd), 67, 72, 91, 97-103 (odd), 109-113 (odd), 131
	Mon	7-Sep	<i>Labor Day</i>	
7	Tue	8-Sep	5.7: inverse trig; differentiation	5.5: 3-11 (odd), 25-31 (odd), 43, 45, 53, 63, 65, 71, 75-79 (odd), 99
8	Wed	9-Sep	5.8: inverse trig; integration	5.7: 3, 7, 11, 13, 25, 26, 27, 29, 39-49 (odd), 91
9	Fri	11-Sep	5.9: hyperbolic functions	5.8: 4, 5, 15-19 (odd), 23, 29, 31, 37-41 (odd)
10	Mon	14-Sep	Inverse Hyp Hyp / trig comparison	5.9: 3, 7, 17, 33, 51, 75, 81
11	Tue	15-Sep	Test 5	
12	Wed	16-Sep	8.1: basic integration rules	
13	Fri	18-Sep	8.2: integration by parts	8.1: 1, 3, 9, 19, 25, 30, 35, 43, 57, 59, 81
14	Mon	21-Sep	8.3: trigonometric integrals	8.2: 1-33 (odd), 45, 47, 67
15	Tue	22-Sep	8.4: trigonometric substitution	8.3: 3, 5, 9, 10, 13, 19, 20, 28, 33, 41, 55, 57
	Wed	23-Sep	<i>REACH Seminar Day</i>	
16	Fri	25-Sep	8.5: partial fractions	
17	Mon	28-Sep	8.5: rational functions	
18	Tue	29-Sep	5.6: indeterminate forms	8.4: 5, 7, 11, 15, 21, 23, 27, 39, 56
19	Wed	30-Sep	5.6: L'Hopital's Rule	8.5: 5, 7, 8, 15, 20, 21, 23, 27, 29
20	Fri	2-Oct	8.8: improper integrals	T8A: Rational function project due
21	Mon	5-Oct	8.8: improper integrals	5.6: 3, 9, 17, 29, 51, 57, 80, 101
22	Tue	6-Oct	8.7: Integration by Tables	
23	Wed	7-Oct	9.1: Sequences, limits, etc.	8.8: 1, 5, 7, 11, 13, 15, 19, 23, 29, 35, 43, 47, 49, 50, 55, 57
24	Fri	9-Oct	Test 8	8.7: 4, 7, 15, 19-27 (odd), 53
25	Mon	12-Oct	9.1: Pattern Recognition, Types of sequences	
26	Tue	13-Oct	9.2: Infinite Series, Telescoping Series	
27	Wed	14-Oct	9.2: Geometric and variations of series	9.1: 17-22, 29-49 (odd), 79-82
28	Fri	16-Oct	9.3: Integral Test	
	Mon	19-Oct	<i>Fall Break</i>	
29	Wed	21-Oct	9.4: Bounded Series; Bounded Ratio Comp. test	9.2: 8, 11, 14, 15, 21, 23, 25-27, 29, 41, 43, 47, 62-63, 75
30	Fri	23-Oct	8.6: Numerical Integration	9.3: 3, 7, 15, 33, 47, 51, 57, 61; EC
31	Mon	26-Oct	9.6: Ratio Test	
32	Tue	27-Oct	9.6: nth Root Test and variations	8.6: 1, 3, 17, 19, 35, 39, 43
33	Wed	28-Oct	9.5: Alternating Series	9.4: 3 - 19 odd, 23 - 29 odd, 32, 55
34	Fri	30-Oct	9.8: Power Series	9.6: 15, 17, 21, 25, 31, 51-67 (odd)
35	Mon	2-Nov	Test 9A review / T9B takehome introduced	9.5: 3, 6, 7 10, 15, 17, 23, 37 - 47 odd, 63, 69
36	Tue	3-Nov	Test 9A 9.1 - 9.6	
37	Wed	4-Nov	Test 9A analysis / T9B takehome Q/A	
38	Fri	6-Nov	9.9: Functions as Power Series	9.8: 7, 13, 17, 21, 27, 33, 47
39	Mon	9-Nov	9.7: Taylor's Remainder Theorem	9.9: 5, 9, 13, 53
40	Tue	10-Nov	9.10: Taylor Series	
41	Wed	11-Nov	9.10: Taylor Series	9.7: 13, 17, 19, 23, 27, 29, 47, 51, 63
42	Fri	13-Nov	10.1: Parabolas	
43	Mon	16-Nov	10.1: Ellipses and Hyperbolas	9.10: 15, 23, 47, 61
44	Tue	17-Nov	App E: Rotated Conics;	10.1 11, 27, 29, 33, 37, 43, 65, 87
45	Wed	18-Nov	PF = e PD, and discriminants	T9B take home test due;
46	Fri	20-Nov	T10A Conic Sections	Appendix E: 3, 7, 19, 23
	M-F	23-Nov	<i>Thanksgiving break</i>	
47	Mon	30-Nov	10.2: Parametric Equations; Modeling	
48	Tue	1-Dec	10.2: Special Equations; Removing the parameter	
49	Wed	2-Dec	10.4: Polar Coordinates and Polar Curves (Conics)	10.2: 1, 5, 13, 15, 33, 36, 39, 41, 45, 57, 75
50	Fri	4-Dec	10.5: Finding Points of Intersection and Areas	10.4: 31, 33, 35, 37, 55, 61
51	Mon	7-Dec	10.3/10.5: Derivatives and Arc Length for Polar and Parametric curves	10.5: 17, 23, 33, 35, 39, 43, 49
52	Tue	8-Dec	T10B Rest of chapter 10	10.3: 2, 9, 11, 21, 39, 45
53	Wed	9-Dec	Review	10.6: 1, 3, 13, 15, 57
54	Fri	11-Dec	Review	