

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