Math 141, Spring 2014. Dr. Leisinger
Some Math 141 Assignments (there could be others)

HW#	Section	Problems
3	5.1 Areas Between Curves	# 1, 15, 17, 25, 55
4	5.2 Volumes	# 5, 9, 12, 17, 39, 64
5	5.3 Volumes by Shells	# 1, 3, 9, 13, 17, 43
6	5.4 Work	# 3, 9, ,13, 21
7	6.5 Exponential growth and decay	# 3, 9
8	6.6 Inverse trigonometric functions	# 1, 7, 8, 23, 29, 38, 61, 67, 69
9	6.8 l'Hospital's rule	# 7, 11, 19, 51, 59, 65
10	7.1 Integration by parts	# 5,11, 15, 17, 21, 27, 29,35,37,41, 53, 63
11	7.2 Trigonometric integrals	# 1, 7, 15, 21, 23, 27, 29, 31, 39, 47, 49, 50
12	7.3 Trigonometric substitution	# 3, 5,9, 11, 13, 19, 21, 23, 27, 29, 37
13	7.4 Rational integrals	# 1,4,7,11,15,19,21,23,33,39,41,46,47,51
14	7.5 Strategy for integration	# 8, 19, 21, 49, 77, 83
15	7.8 Improper Integrals	# 1,7,11,21,23,37,49,53
16	11.1 Sequences	# 1,9,12,15,18,23,31,37,47,49,53,77,82
17	11.2 Series	# 1,15,19,29,31,33,41,43,44,53,61,67,(79)
18	11.3 The integral test	# 3,7,15,19,23,29,38
19	11.4 The comparison tests	# 3,5,9,19,29,31,39,43
20	11.5 Alternating series	# 2,7,11,17,19,25
21	11.6 Abs. conv. And ratio/root tests	# 3,7,11,15,17,21,29,31,45
22	11.7 Strategy for testing series	# 3,7,13,23,25,36
23	11.8 Power Series	# 9,13,15,25,27,29,31,41
24	11.9 Some Functions Represented as power Series	# 7,11,17,19,25,39
25	11.10 Taylor series	# 3,4,9,17,31,33,37,49,57,67,69
26	9.3 Separable equations	# 1,5,9,11,13,22
27	8.1 Arc length	#9, 13, 15, 17, 35
28	10.1 Parametric curves	# 11,15,37
29	10.2 Calculus with parametric curves	# 41,43
30	10.3 Polar coordinates	# 3,5,25,31,39,45,54
31	10.4 Areas in polar coord.	# 5,7, 9,17,21,27,31
32	A53 Complex numbers	# 9,11,15,25,29,33,39,45,50