

Text: Applied Calculus by S.T. Tan, Sixth Edition, Brooks/Cole, 2005.

A calculator with logarithm and exponential functions is required. **Graphing calculators or programmable calculators may not be used**. Calculators which are capable of numerical or symbolic differentiation or integration are considered programmable and are not allowed. All graphs must be sketched by hand on graph paper.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments</u>
1	1.2, 1.4	$p23 : 47, 48, 49, 54, 55, 56, 69, 70; p43 : 11, 14, 29, 30, 32, 33, 41, 44$
2	2.1	$p58 : 3, 7, 12, 23, 24, 27, 29, 34, 37, 42, 45, 70, 75$
3	2.2	$p76 : 26, 28, 29, 31, 34, 35, 37, 39, 47, 51, 65$
4	2.3	$p87 : 17, 18, 20, 24, 28, 31, 33, 60, 63, 65$
5	2.4	$p111 : 4, 6, 8, 9, 14, 33, 51, 56, 57, 62$
6	2.4, 2.5	$p113 : 64, 66, 67, 68, 73, 76, 77, 78; p127 : 1, 4, 6, 40, 41, 42$
7	2.5, 2.6	$p129 : 55, 58, 60, 61, 63, 64, 70; p150 : 12, 15$
8	2.6	$p150 : 19, 22, 23, 26, 28ab, 30, 34$ (23, 26 – <i>also sketch tangent line</i>)
9	3.1	$p168 : 2, 5, 10, 13, 14, 20, 21, 23, 26, 30, 33, 34, 35, 36$
10	3.1	$p169 : 42, 44, 46, 47, 51, 54, 55, 56, 59$
11		REVIEW FOR EXAM 1
12		EXAM 1 IN CLASS
13	3.2	$p182 : 1, 5, 6, 8, 16, 17, 20, 21, 25, 26$
14	3.2	$p183 : 10, 29, 31, 32, 33, 39, 40, 46, 47, 50, 56, 57$
15	3.3	$p195 : 2, 3, 5, 9, 11, 13, 16, 18, 21, 31, 32$
16	3.3	$p195 : 34, 39, 42, 49, 52, 55, 56, 57$
17	3.4	$p212 : 4, 5, 6ab, 10, 12, 13abc, 15ab, 16$
18	3.5	$p219 : 5, 7, 10, 14, 15, 18, 19, 29, 34$
19	3.6	$p231 : 2, 4, 9, 12, 13, 14, 16, 18, 20, 22$
20	3.6	$p232 : 31, 33, 34, 35, 36, 39, 40, 41$
21	3.6	$p232 : 42, 48, 49, 50, 52, 54, 56, 60$
22	3.7	$p244 : 15, 16, 17, 18, 20, 21, 23, 24, 30, 32, 36, 38$
23		“CATCH UP” AND/OR STRUCTURED REVIEW FOR EXAM 2
24		OPTIONAL REVIEW FOR EXAM 2 (EVENING EXAM)
25	4.1	$p263 : 13, 19, 21, 22, 24, 26, 30, 33, 34$
26	4.1	$p264 : 53, 55, 60, 61, 64, 66, 73, 74, 79, 87$
27	4.2	$p283 : 22, 26, 35, 40, 44, 45, 54, 56, 59, 61, 68$
28	4.2	$p281 : 9, 10, 11, 12, 69, 70, 71, 75, 83, 85$
29	4.3	$p297 : 12, 16, 18, 19, 20, 21, 38, 39$
30	4.3	$p299 : 42, 44, 49, 52, 54, 56$
31	4.4	$p312 : 16, 18, 20, 23, 25, 31, 35, 45, 51ab, 56$
32	4.5	$p325 : 1 - 8$
33	4.5	$p326 : 9, 10, 15, 16, 21, 28$
34	5.1	$p337 : 19, 22, 23, 24, 25, 26, 28, 29, 32$
35	5.2	$p347 : 18, 19, 22, 23, 25, 27, 31, 32, 34, 36, 40, 41, 42$
36		REVIEW FOR EXAM 3
37		EXAM 3 IN CLASS
38	5.3	$p359 : 2, 3, 7, 9, 10, 12, 18, 21, 22, 25, 28, 34, 37$
39	5.4	$p368 : 2, 4, 7, 9, 13, 20, 22, 23, 27, 34, 36, 37, 39$
40	5.4, 5.5	$p368 : 47, 48, 54; p379 : 4, 6, 10, 14, 15, 21, 27$
41	5.5	$p379 : 48, 50, 51, 54, 56, 63, 64$
42	5.6	$p388 : 3, 6, 7, 8, 9, 15, 23$
43		REVIEW FOR FINAL EXAM
44		REVIEW FOR FINAL EXAM