

Text: Applied Calculus by L. D. Hoffman and G. L. Bradley, Expanded tenth edition, McGraw Hill, 2010.

A one-line, scientific calculator (any brand) with logarithm and exponential functions is required. Graphing calculators or programmable calculators may not be used. Calculators which are capable of numeric or symbolic differentiation and integration are not allowed.

Note: Problems in bold are not available in MathZone. You should attempt these problems, in the text, by hand and ask any questions at the next class meeting. **Only the problems for Lesson 30 will be worked by hand and submitted for grading.** (All graphs must be sketched by hand on graph paper.) **This assignment will count as a quiz, rather than as a homework.**

<u>Lessons</u>	<u>Sections</u>	<u>Assignments</u>
1		no assignment; course information discussed
2	Appx	p651 : 45, 46, 47, 48, 51, 52, 53, 54*** (problems on course web page)
3	1.1	p10 : 25, 28, 32, 40, 42, 49, 50, 73, 74, 75
4	1.1	p10 : 33, 34, 35, 36, 37, 38
5	1.4	p56 : 6, 7, 10, 11, 12, 35
6	1.4	p57 : 36, 38, 40, 42
7	1.5	p73 : 1, 2, 3, 5, 6, 13, 15, 17, 19, 20, 23, 24, 40, 42
8	1.5, 1.6	p74 : 32, 33, 35, 37, 38 p86 : 1, 2, 3, 4, 12, 15 , 16
9	1.6, 2.1	p87 : 26, 27, 35, 37, 38, 39, 41, 42 p112 : 3, 5
10	2.1	p112 : 9, 15, 18, 20, 32, 33, 34, 37, 38
11		REVIEW FOR EXAM 1
12		EXAM 1 IN CLASS - February 6
13	2.2	p125 : 1, 6, 7, 9, 11, 14, 18, 21, 24, 25
14	2.2	p125 : 29, 32, 35, 36, 38, 51a, 52, 55, 56, 62
15	2.3	p138 : 1, 2, 3, 8, 9, 11, 12, 17, 22, 24, 26
16	2.3	p139 : 27, 30, 48, 56, 61, 42, 43, 46, 47
17	2.4	p152 : 23, 24, 26, 27, 28, 29, 31, 32, 35, 36, 38, 39, 40
18	2.4	p152 : 48, 52, 54, 59, 60, 61, 62, 64, 66, 67
19	2.5	p163 : 2, 3, 6, 7, 8, 12, 13, 15, 18, 19, 24, 25
20	2.6	p175 : 9, 10, 11, 12, 13, 14, 17, 18, 23, 26, 28
21	2.6	p176 : 31, 32, 35, 36, 45, 47, 50, 52
22	2.6	p176 : 41, 42, 43, 44, 46
23		CATCH UP OR STRUCTURED REVIEW FOR EXAM 2
24		CLASSROOM HELP SESSION - attendance not required EXAM 2 - March 5, 8:00-9:15 p.m., Elliott Hall of Music ALTERNATE EXAM 2 - March 8, 6:30 p.m.
25	3.1	p204 : 2, 4, 9, 10, 11, 13, 14, 15, 19, 20, 22, 68, 69, 70, 71
March 19		LAST DAY TO DROP THE COURSE (WILL RECEIVE A 'W')
26	3.1	p204 : 23, 25, 29, 31, 32, 33, 56, 57, 59bc, 60bc (56,57-no graph)
27	3.2	p220 : 5, 6, 7, 8, 9, 10, 28, 29, 31, 32, 34
28	3.2	p220 : 1, 2, 3, 47, 48 , 56, 57, 59ab (56-no graph)
29	3.3	p235 : 12, 13, 14, 15, 33, 34, 35, 36
30	3.3	p236 : 17, 19, 24, 27, 29
31	3.4	p254 : 1, 3, 5, 6, 7, 8, 10, 17, 19, 20, 33, 34
32	3.5	p270 : 4, 5, 6, 7, 8, 9
33	3.5	p271 : 11, 12, 17, 18, 25
34	3.5	p272 : 36, 23, 19, 22
35		REVIEW FOR EXAM 3
36		EXAM 3 IN CLASS - April 9
37	4.1	p303 : 19, 20, 21, 22, 41, 43, 45a, 47ab, 48, 66
38	4.1, 4.2	p304 : 35bcd, 36cd, 37, 38, 39, 40, 49; p320 : 13, 15, 16, 17
39	4.2	p320 : 24, 27, 32, 33, 35, 36, 45, 47, 48, 50
40	4.4	p350 : 21 , 22, 23 , 24, 27acd, 28bc, 31
41	4.3	p335 : 2, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 18, 19, 20, 26, 34
42	4.3	p336 : 40, 45, 48, 51, 52, 53, 54, 55, 69, 70, 80ab
43		REVIEW FOR THE FINAL EXAM
44		REVIEW FOR THE FINAL EXAM