

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

A one-line, scientific calculator 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.**

<u>Lessons</u>	<u>Sections</u>	<u>Assignments</u>
1		no assignment; course information discussed
2	Appx	<b>p651 : 45, 46, 47, 48, 51, 52, 53, 54***</b>
3	1.1	<b>p10 : 25, 28, 32, 40, 42, 49, 50, 73, 74, 75</b>
4	1.1	<b>p10 : 33, 34, 35, 36, 37, 38</b>
5	1.4	p56 : 6, 7, 10, 11, 12, <b>35</b>
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, <b>15</b> , 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 - September 19
13	2.2	p125 : 1, 6, 7, 9, 11, 14, 18, 21, 24, 25
14	2.2	p125 : 29, 32, 35, 36, 38, 51 <i>a</i> , 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		CATCH UP OR STRUCTURED REVIEW FOR EXAM 2
23		CLASSROOM HELP SESSION - attendance not required EXAM 2 - October 17, 8:00-9:15 p.m., Elliott Hall of Music ALTERNATE EXAM 2 - October 20, 6:30-7:45 p.m.
24	2.6	p176 : 41, 42, 43, 44, 46
25	3.1	p204 : 2, 4, 9, 10, 11, 13, 14, 15, 19, 20, 22
October 26		LAST DAY TO DROP THE COURSE (WILL RECEIVE A 'W')
26	3.1	p204 : 23, 25, 29, 31, 32, 33, 56, 57, 59 <i>bc</i> , 60 <i>bc</i> , <b>68, 69, 70, 71</b> (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, <b>47, 48</b> , 56, 57, 59 <i>ab</i> (56-no graph)
29	3.3	p235 : 12, 13, 14, 15, <b>33, 34, 35, 36</b>
30	3.3	<b>p236 : 17, 19, 24, 27, 29</b>
31	3.4	p254 : 1, 3, 5, 6, 7, 8, 10, 17(min aver cost only), 31 <i>abc</i> , 33, 34
32	3.5	p270 : 4, 5, 6, 7, <b>8, 9</b>
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 - November 16
37	4.1	p303 : 19, 20, 21, 22, 41, 43, 45 <i>a</i> , 47 <i>ab</i> , 48, 66
38	4.1, 4.2	p304 : 35 <i>bcd</i> , 36 <i>cd</i> , 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 : <b>21, 22, 23</b> , 24, 27 <i>acd</i> , 28 <i>bc</i> , <b>31</b>
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, 80 <i>ab</i>
43		REVIEW FOR THE FINAL EXAM
44		REVIEW FOR THE FINAL EXAM

\*\*\*These problems are only available on the course web page.