

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

**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 31 will be worked by hand and submitted for grading. All graphs must be sketched by hand on graph paper.**

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.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments</u>
1	1.1	<b>p10 : 3, 6, 8, 13, 14, 19, 20, 21, 22, 23</b>
2	Appx, 1.1	<b>p651 : 46, 47, 48, 52, 53, 54*</b> p11 : <b>62, 66, 68</b> <i>cde</i> , <b>70</b>
3	1.1	<b>p10 : 25, 26, 27, 28, 40, 42, 49, 50, 73, 74, 75</b>
4	1.1, 1.2	<b>p10 : 34, 35, 36, 38</b> p25 : <b>15, 21, 25, 26, 27</b>
5	1.3	<i>p39</i> : 2, 4, 9, 11, 17, 18, 22, 28, 32, 41, 44, 45
6	1.4	<i>p56</i> : 5, 6, 7, 11, 36, 38, 40, 42
7	1.5	<i>p73</i> : 1, 2, 3, 4, 5, 6, 13, 15, 17, 19, 20, 23, 24, 40, 42
8	1.5, 1.6	<i>p74</i> : 32, 33, 35, 37, 38 <i>p86</i> : 1, 2, 3, 4, 12, 15, 16
9	1.6, 2.1	<i>p87</i> : 26, 27, 35, 37, 38, 39, 41, 42 <i>p112</i> : 3, 5
10	2.1	<i>p112</i> : 9, 15, 18, 20, 32, 33, 34, 37, 38
11		REVIEW FOR EXAM 1
12		EXAM 1 IN CLASS
13	2.2	<i>p125</i> : 1, 6, 7, 9, 11, 14, 18, 21, 24, 25
14	2.2	<i>p125</i> : 29, 32, 35, 36, 38, 51 <i>a</i> , 52, 55, 56, 62
15	2.3	<i>p138</i> : 1, 2, 3, 5, 8, 9, 11, 12, 13, 17, 18
16	2.3	<i>p139</i> : 21, 22, 23, 24, 26, 27, 30, 48, 56, 61
17	2.3, 2.4	<i>p139</i> : 42, 43, 46, 47 <i>p151</i> : 3, 4, 5, 9, 11
18	2.4	<i>p152</i> : 23, 24, 26, 27, 28, 29, 31, 32, 35, 36, 38, 39, 40
19	2.4	<i>p152</i> : 48, 52, 54, 59, 60, 61, 62, 64, 66, 67
20	2.5	<i>p163</i> : 2, 3, 6, 7, 8, 12, 13, 15, 18, 19, 24, 25
21	2.6	<i>p175</i> : 9, 10, 11, 12, 13, 14, 17, 18, 23, 26, 28
22	2.6	<i>p176</i> : 31, 32, 35, 36, 45, 47, 50
23		“CATCH UP” AND/OR STRUCTURED REVIEW FOR EXAM 2
24		OPTIONAL REVIEW FOR EXAM 2 (EVENING EXAM)
25	2.6	<i>p176</i> : 41, 42, 43, 44, 46, 52
26	3.1	<i>p204</i> : 9, 10, 11, 13, 14, 15, 19, 20, 22
MARCH 22		LAST DAY TO DROP THE COURSE
27	3.1	<i>p204</i> : 23, 25, 29, 31, 32, 33, 56, 57, 59 <i>bc</i> , 60, <b>68, 69, 70, 71</b> (56,57-no graph)
28	3.2	<i>p220</i> : 5, 6, 7, 8, 9, 10, 28, 29, 31, 32, 34
29	3.2	<i>p220</i> : 1, 2, 3, <b>47, 48</b> , 56, 57, 59 <i>ab</i> (56-no graph)
30	3.3	<i>p235</i> : 12, 13, 14, 15, <b>33, 34, 35, 36</b>
31	3.3	<b>p236 : 17, 19, 24, 27, 29</b>
32	3.4	<i>p254</i> : 1, 3, 5, 6, 7, 8, 10, 17(min aver cost only), 31 <i>abc</i> , 33, 34
33	3.5	<i>p270</i> : 2, 4, 6, 7, 11, 17, 18
34	3.5	<i>p271</i> : 19, 21, 23, 25, 36, 37
35		REVIEW FOR EXAM 3
36		EXAM 3 IN CLASS
37	4.1	<i>p303</i> : 19, 20, 21, 22, 41 <i>abc</i> , 43, 45 <i>a</i> , 47 <i>ab</i> , 48 <i>ab</i> , 66
38	4.1, 4.2	<i>p304</i> : 35 <i>bcd</i> , 36 <i>cd</i> , 37, 38, 49; <i>p320</i> : 3, 6, 7
39	4.2	<i>p320</i> : 13, 15, 16, 17, 24, 27, 32, 33, 35, 36, 45, 50, 53
40	4.3	<i>p335</i> : 2, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 18, 19, 20, 26, 29, 34
41	4.3	<i>p336</i> : 40, 45, 48, 51, 52, 53, 54, 55, 69, 70, 80 <i>ab</i>
42	4.4	<b>p350 : 21, 22, 23, 27</b> <i>acd</i> , <b>31</b>
43		REVIEW FOR THE FINAL EXAM
44		REVIEW FOR THE FINAL EXAM

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