

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	p10 : 3, 6, 8, 13, 14, 19, 20, 21, 22, 23
2	Appx, 1.1	p651 : 46, 47, 48, 52, 53, 54*** p11 : 62, 66, 68 <i>cde</i> , 70
3	1.1	p10 : 25, 26, 27, 28, 40, 42, 49, 50, 73, 74, 75
4	1.1, 1.2	p10 : 34, 35, 36, 38 p25 : 15, 21, 25, 26, 27
5	1.3	<i>p39 : 2, 4, 9, 11, 17, 18, 22, 28, 32, 41</i> <i>bc</i> , <i>44bc</i> , <i>45b</i>
6	1.4	<i>p56 : 5, 6, 7, 11, 36, 38, 40, 42</i>
7	1.5	<i>p73 : 1, 2, 3, 5, 6, 13, 15, 17, 19, 20, 23, 24, 40, 42</i>
8	1.5, 1.6	<i>p74 : 32, 33, 35, 37, 38</i> p86 : 1, 2, 3, 4, 12, 16
9	1.6, 2.1	<i>p87 : 26, 27, 35, 37, 38, 39, 41, 42</i> p112 : 3, 5
10	2.1	<i>p112 : 9, 15, 18, 20, 32, 33, 34, 37, 38</i>
11		REVIEW FOR EXAM 1
12		EXAM 1 IN CLASS (SEPT 20)
13	2.2	<i>p125 : 1, 6, 7, 9, 11, 14, 18, 21, 24, 25</i>
14	2.2	<i>p125 : 29, 32, 35, 36, 38, 51a</i> , 52, 55, 56, 62
15	2.3	<i>p138 : 1, 2, 3, 5, 8, 9, 11, 12, 13, 17, 18</i>
16	2.3	<i>p139 : 21, 22, 23, 24, 26, 27, 30, 48, 56, 61</i>
17	2.3, 2.4	<i>p139 : 42, 43, 46, 47</i> p151 : 3, 4, 5, 9, 11
18	2.4	<i>p152 : 23, 24, 26, 27, 28, 29, 31, 32, 35, 36, 38, 39, 40</i>
19	2.4	<i>p152 : 48, 52, 54, 59, 60, 61, 62, 64, 66, 67</i>
20	2.5	<i>p163 : 2, 3, 6, 7, 8, 12, 13, 15, 18, 19, 24, 25</i>
21	2.6	<i>p175 : 9, 10, 11, 12, 13, 14, 17, 18, 23, 26, 28</i>
22		“CATCH UP” OR STRUCTURED REVIEW FOR EXAM 2
23		OPTIONAL REVIEW (EXAM 2 - OCT 18, 8:00 PM, ELLIOT HALL OF MUSIC ALTERNATE EXAM 2 - OCTOBER 22, 6:00 PM)
24	2.6	<i>p176 : 31, 32, 35, 36, 45, 47, 50, 52</i>
25	2.6	<i>p176 : 41, 42, 43, 44, 46</i>
26	3.1	<i>p204 : 2, 4, 9, 10, 11, 13, 14, 15, 19, 20, 22</i>
OCT 27		LAST DAY TO DROP THE COURSE (WILL RECEIVE A ‘W’)
27	3.1	<i>p204 : 23, 25, 29, 31, 32, 33, 56, 57, 59</i> <i>bc</i> , 60, 68, 69, 70, 71 (56,57-no graph)
28	3.2	<i>p220 : 5, 6, 7, 8, 9, 10, 28, 29, 31, 32, 34</i>
29	3.2	<i>p220 : 1, 2, 3, 47, 48</i> , 56, 57, 59 <i>ab</i> (56-no graph)
30	3.3	<i>p235 : 12, 13, 14, 15, 33, 34, 35, 36</i>
31	3.3	p236 : 17, 19, 24, 27, 29
32	3.4	<i>p254 : 1, 3, 5, 6, 7, 8, 10, 17</i> (min aver cost only), 31 <i>abc</i> , 33, 34
33	3.5	<i>p270 : 4, 6, 7, 9, 11, 16, 17, 18</i>
34	3.5	<i>p271 : 19, 21, 23, 25, 36, 37</i>
35		REVIEW FOR EXAM 3
36		EXAM 3 IN CLASS (NOV 17)
37	4.1	<i>p303 : 19, 20, 21, 22, 41, 43, 45a</i> , 47 <i>ab</i> , 48, 66
38	4.1, 4.2	<i>p304 : 35</i> <i>bcd</i> , 36 <i>cd</i> , 37, 38, 39, 40, 49; p320 : 13, 15, 16, 17
39	4.2	<i>p320 : 24, 27, 32, 33, 35, 36, 45, 50, 53</i>
40	4.4	p350 : 21, 23, 24, 27 <i>acd</i> , 28 <i>bc</i> , 29 <i>bc</i> , 32 <i>bc</i>
41	4.3	<i>p335 : 2, 4, 5, 7, 8, 9, 10, 12, 13, 15, 16, 18, 19, 20, 26, 34</i>
42	4.3	<i>p336 : 40, 45, 48, 51, 52, 53, 54, 55, 69, 70, 80</i> <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.