

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

A calculator with logarithm and exponential functions is required. Calculators may be used when appropriate on the assignments below. **Graphing calculators or programmable calculators may not be used on quizzes or exams.** Calculators which are capable of numerical or symbolic differentiation or integration are considered programmable and are not allowed on exams.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments</u>
1	1.4	<i>p</i> 41 : 1 – 6, 11, 14, 29, 30, 32, 33, 41, 44, 45, 46
2	2.1	<i>p</i> 58 : 3, 7, 12, 23, 24, 27, 29, 37, 42, 45, 70, 75
3	2.2	<i>p</i> 76 : 26, 28, 29, 31, 34, 44, 45, 47, 48, 51
4	2.3	<i>p</i> 87 : 17, 18, 20, 24, 28, 33, 60, 63, 65
5	2.4	<i>p</i> 111 : 4, 6, 8, 9, 14, 33, 51, 56, 57, 62
6	2.4, 2.5	<i>p</i> 113 : 64, 66, 67, 68, 73, 76, 77; <i>p</i> 129 : 58, 60, 61
7	2.6	<i>p</i> 150 : 12, 15, 19, 22, 23, 26, 29, 32
8	3.1	<i>p</i> 168 : 2, 5, 10, 13, 14, 20, 21, 26, 30, 33, 34, 35, 36
9	3.1	<i>p</i> 169 : 42, 44, 46, 47, 51, 54, 55, 56, 59
10	3.2	<i>p</i> 182 : 1, 5, 6, 8, 16, 17, 20, 21, 25, 26
11	3.2	<i>p</i> 183 : 39, 40, 43, 44, 46, 47, 50, 56, 57
12	3.3	<i>p</i> 195 : 2, 3, 5, 9, 11, 13, 16, 18, 21, 66, 71
13	3.3	<i>p</i> 195 : 33, 34, 49, 52, 54, 61, 62
14	3.4	<i>p</i> 212 : 4, 5, 6 <i>ab</i> , 10, 12, 13 <i>abc</i> , 15 <i>ab</i> , 16
15	3.5	<i>p</i> 219 : 1, 2, 5, 15, 17, 19, 20, 29, 34
16	4.1	<i>p</i> 263 : 13, 19, 22, 24, 26, 34, 53, 60, 61, 64, 73, 74
17	4.2	<i>p</i> 283 : 22, 26, 35, 44, 45, 54, 56, 59
18	4.3	<i>p</i> 297 : 12, 19, 20, 33, 34, 35, 44, 52
19	4.4	<i>p</i> 312 : 16, 18, 20, 23, 25, 31, 35, 39, 45, 51 <i>ab</i>
20	4.5	<i>p</i> 325 : 1 – 8
21	4.5	<i>p</i> 326 : 9, 10, 12, 15, 16, 28
22	5.1	<i>p</i> 337 : 19, 22, 23, 24, 27, 28, 32, 34
23	5.2	<i>p</i> 347 : 18, 19, 22, 23, 25, 31, 32, 34, 36, 40, 41, 42
24	5.4	<i>p</i> 368 : 2, 4, 7, 9, 22, 27, 34, 36, 37, 39
25	5.5	<i>p</i> 379 : 4, 6, 10, 14, 15, 27, 48, 50, 51, 54
26	5.6	<i>p</i> 388 : 3, 6, 7, 8, 9, 15, 17 <i>ab</i>
27	6.1	<i>p</i> 407 : 9, 12, 15, 22, 31, 38, 39, 52, 55, 60
28	6.2	<i>p</i> 419 : 1, 2, 6, 9, 10, 11, 13, 18, 19, 21
29	6.2	<i>p</i> 419 : 24, 28, 32, 35, 37, 40, 51, 53, 55
30	6.3, 6.4	<i>p</i> 430 : 1, 2; <i>p</i> 439 : 3, 6, 8, 9, 10, 13, 14, 15
31	6.5	<i>p</i> 449 : 2, 3, 9, 10, 15, 18, 21, 22, 24, 28, 40, 42
32	6.6	<i>p</i> 462 : 2, 4, 11, 17, 18, 23, 28, 30, 35, 40
33	7.2	<i>p</i> 507 : 1, 9, 12, 14, 17, 18, 21, 30
34	7.4	<i>p</i> 531 : 15, 17, 18, 20, 21, 24, 25, 28, 34, 36, 38, 45
35	10.1	<i>p</i> 663 : 4, 5, 6, 14, 15, 18, 19, 22, 25, 26, 27
36	10.1	<i>p</i> 666 : 44, 45, 46, 49, 50

Exam 1 will cover lessons 1–11. Exam 2 will cover lessons 12–21. Exam 3 will cover lessons 22–32. The outline leaves one class period for review before each of the mid-term exams and two class periods for review before the final exam.