

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	1.2, 1.4	<i>p23</i> : 26, 27, 28, 29, 47, 48, 49, 69, 70; <i>p41</i> : 1 – 6
2	1.4	<i>p43</i> : 11, 14, 19, 22, 29, 30, 32, 33, 41, 44, 45, 46
3	2.1	<i>p58</i> : 3, 7, 12, 23, 24, 27, 29, 34, 37, 42, 45, 70, 75
4	2.2	<i>p76</i> : 26, 28, 29, 31, 34, 35, 37, 39, 44, 47, 51
5	2.3	<i>p87</i> : 15, 16, 17, 18, 20, 24, 28, 31, 33, 60, 63, 65
6	2.4	<i>p111</i> : 4, 6, 8, 9, 14, 33, 51, 56, 57, 60, 62
7	2.4, 2.5	<i>p113</i> : 64, 66, 67, 68, 73, 76, 77, 78; <i>p127</i> : 1, 4, 6, 40, 41, 42
8	2.5, 2.6	<i>p129</i> : 55, 58, 60, 61, 63, 64, 70; <i>p150</i> : 12, 15
9	2.6	<i>p150</i> : 16, 19, 22, 23, 26, 29, 32, 34
10	3.1	<i>p168</i> : 2, 5, 10, 13, 14, 20, 21, 23, 26, 30, 33, 34, 35, 36
11	3.1	<i>p169</i> : 42, 44, 46, 47, 51, 54, 55, 56, 59
12	3.2	<i>p182</i> : 1, 5, 6, 8, 16, 17, 20, 21, 25, 26
13	3.2	<i>p183</i> : 10, 29, 31, 32, 33, 39, 44, 46, 47, 50, 56, 57
14	3.3	<i>p195</i> : 2, 3, 5, 9, 11, 13, 16, 18, 21, 31, 32
15	3.3	<i>p195</i> : 34, 39, 42, 49, 52, 55, 56, 57, 78, 80
16	3.4	<i>p212</i> : 4, 5, 6 <i>ab</i> , 10, 12, 13 <i>abc</i> , 15 <i>ab</i> , 16
17	3.5	<i>p219</i> : 5, 7, 10, 14, 15, 18, 19, 29, 34
18	3.6	<i>p231</i> : 2, 4, 9, 12, 13, 14, 16, 18, 20, 22
19	3.6	<i>p232</i> : 31, 33, 34, 35, 36, 39, 40, 41
20	3.6	<i>p232</i> : 42, 48, 49, 50, 52, 54, 56, 60
21	3.7	<i>p244</i> : 15, 16, 17, 18, 20, 21, 23, 24, 30, 32, 35, 38
22	4.1	<i>p263</i> : 13, 19, 21, 22, 24, 26, 30, 33, 34
23	4.1	<i>p264</i> : 53, 55, 60, 61, 64, 66, 73, 74, 79, 87
24	4.2	<i>p283</i> : 22, 26, 35, 40, 44, 45, 54, 56, 59, 61, 68
25	4.2	<i>p281</i> : 9, 10, 11, 12, 69, 70, 71, 75, 83, 85
26	4.3	<i>p297</i> : 12, 19, 20, 33, 34, 35, 44, 52, 54, 56
27	4.4	<i>p312</i> : 16, 18, 20, 23, 25, 31, 35, 45, 51 <i>ab</i> , 56
28	4.5	<i>p325</i> : 1 – 8
29	4.5	<i>p326</i> : 9, 10, 15, 16, 21, 23, 28
30	5.1	<i>p337</i> : 19, 22, 23, 24, 25, 26, 28, 29, 32
31	5.2	<i>p347</i> : 18, 19, 22, 23, 25, 27, 31, 32, 34, 36, 40, 41, 42
32	5.3	<i>p359</i> : 2, 3, 7, 9, 10, 12, 18, 21, 22, 25, 28, 34, 37
33	5.4	<i>p368</i> : 2, 4, 7, 9, 13, 20, 22, 23, 27, 34, 36, 37, 39
34	5.4, 5.5	<i>p368</i> : 47, 48, 54; <i>p379</i> : 4, 6, 10, 14, 15, 21, 27
35	5.5	<i>p379</i> : 48, 50, 51, 54, 56, 63, 64
36	5.6	<i>p388</i> : 3, 6, 7, 8, 9, 15, 23

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.