

Text: 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	8.1	<i>p</i> 544 : 1, 6, 13, 15, 17, 19, 20, 22, 23
2	8.2	<i>p</i> 557 : 3, 6, 8, 9, 12, 13, 15, 16, 17, 23, 30
3	8.2	<i>p</i> 558 : 33, 37, 38, 39, 40, 42, 43, 47
4	8.3	<i>p</i> 570 : 1, 2, 3, 6, 7, 8, 13, 14, 20
5	8.3	<i>p</i> 570 : 22, 23, 24, 26, 27, 29, 30
6	8.4	<i>p</i> 578 : 1, 4, 7, 8, 9, 10
7	8.5	<i>p</i> 594 : 1, 2, 3, 4, 5, 6, 7, 8, 12
8	8.5	<i>p</i> 594 : 17, 18, 19, 20, 21, 25
9	8.6	<i>p</i> 600 : 2, 5, 8, 11, 14, 20, 21, 23, 28
10	8.6	<i>p</i> 600 : 31, 32, 33, 34, 35, 37
11	6.1	<i>p</i> 407 : 9, 12, 15, 22, 31, 38, 39, 52, 55, 60
12	6.2	<i>p</i> 419 : 1, 2, 6, 9, 10, 13, 18, 19, 21, 24, 28
13	6.2	<i>p</i> 419 : 29, 30, 32, 35, 38, 39, 42, 51, 55
14	6.3, 6.4	<i>p</i> 430 : 1, 2; <i>p</i> 439 : 3, 6, 8, 9, 10, 13, 14, 15
15	6.5	<i>p</i> 449 : 2, 3, 9, 10, 14, 15, 18, 21, 22
16	6.5	<i>p</i> 449 : 24, 26, 28, 31, 34, 35, 40, 42
17	6.6	<i>p</i> 462 : 4, 11, 17, 18, 23, 28, 30, 35, 40
18	7.1	<i>p</i> 499 : 1, 2, 8, 10, 11, 12, 14, 19, 21
19	7.1	<i>p</i> 499 : 27, 30, 34, 35, 36, 37, 39
20	7.2	<i>p</i> 507 : 1, 9, 12, 14, 17, 18, 21, 27, 30
21	7.3	<i>p</i> 520 : 3, 12, 16, 19, 25, 28 (Trapezoidal Rule only)
22	7.4	<i>p</i> 531 : 15, 17, 18, 20, 21, 24, 25, 28
23	7.4	<i>p</i> 532 : 30, 31, 34, 36, 37, 40, 41, 45, 46
24	9.1	<i>p</i> 627 : 1, 3, 6, 14, 15, 19, 20, 23
25	9.2	<i>p</i> 633 : 2, 3, 5, 6, 8, 15, 17, 19, 20, 31, 34
26	9.3	<i>p</i> 641 : 2, 3, 4, 5, 6, 7
27	9.3	<i>p</i> 642 : 9, 10, 11, 14, 15
28	10.1	<i>p</i> 663 : 4, 6, 14, 15, 18, 19, 22, 25, 26, 27
29	10.1	<i>p</i> 666 : 44, 45, 46, 49, 50, 51
30	11.1	<i>p</i> 716 : 1, 4, 7, 12, 13, 15, 22, 27
31	11.2	<i>p</i> 716 : 11, 12, 14, 30, 31, 34, 35, 36, 40, 41
32	11.3	<i>p</i> 727 : 6, 7, 10, 11, 16, 17, 19, 32, 35, 36
33	11.5	<i>p</i> 747 : 2, 3, 5, 6, 8, 11, 14, 17
34	11.6	<i>p</i> 756 : 1, 2, 3, 4, 5
35	11.6	<i>p</i> 756 : 9, 11, 12, 15, 16
36	11.6	<i>p</i> 756 : 23, 24, 26, 28, 29

Exam 1 will cover lessons 1–10. Exam 2 will cover lessons 11–21. 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.