Text: Applied Calculus by S. T. Tan, Fifth Edition, Brooks/Cole, 2002.

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.**

Lessons	Sections	Assignments
1	8.1	$p605 : 1, 13, 17, 19, 21, 22$
2	8.2	$p620 : 1, 3, 6, 7, 9, 13, 15, 17, 26$
3	8.2	$p620 : 30, 33, 37, 38, 41, 47$
4	8.3	$p634 : 1, 3, 7, 8, 13, 14$
5	8.3	$p634 : 20, 21, 23, 25, 26$
6	8.4	$p644 : 1, 4, 7, 9$
7	8.5	$p660 : 1, 5, 6, 7, 9$
8	8.5	$p660 : 12, 17, 21, 23, 24$
9	8.6	$p667 : 1, 7, 11, 14, 19, 21, 28$
10	8.6	$p667 : 31, 33, 34, 35, 37$
11	6.1	$p450 : 9, 11, 15, 17, 31, 38, 52, 55, 60$
12	6.2	$p463 : 1, 5, 9, 13, 19, 23, 28$
13	6.2	$p463 : 29, 35, 37, 39, 41, 51, 55$
14	6.3	$p475 : 3, 7(a)(b)$
15	6.4	$p486 : 3, 5, 7, 8, 10, 11, 15$
16	6.5	$p498 : 1, 3, 9, 11, 14, 15, 17, 21, 22$
17	6.5	$p498 : 24, 26, 28, 31, 34, 40, 42$
18	6.6	$p511 : 4, 11, 17, 23, 30, 35, 37$
19	7.1	$p555 : 1, 5, 8, 10, 13, 19, 21, 23$
20	7.1	$p555 : 27, 30, 34, 35, 37, 39$
21	7.2	$p563 : 1, 9, 11, 14, 17, 21, 27, 29$
22	7.3	$p578 : 3, 11, 15, 19, 25, 28$ (Trapezoidal Rule only)
23	7.4	$p590 : 14, 15, 18, 20, 22, 25, 28$
24	7.4	$p590 : 31, 34, 37, 39, 41, 43, 45$
25	9.1	$p697 : 1, 3, 6, 11, 13, 19, 22$
26	9.2	$p704 : 2, 5, 7, 15, 17, 21, 27, 31$
27	9.3	$p713 : 2, 3, 4, 6, 7$
28	9.3	$p713 : 9, 10, 11, 15, 16$
29	10.1	$p735 : 4, 14, 17, 21, 26, 27$
30	10.1	$p735 : 31, 33, 35, 37, 38$
31	11.1	$p784 : 1, 4, 5, 12, 13, 15, 24, 27$
32	11.2	$p794 : 3, 14, 30, 31, 34, 35, 36, 41, 44$
33	11.3	$p805 : 5, 10, 11, 16, 19, 31, 35, 36, 38$
34	11.5	$p827 : 2, 3, 5, 11, 13, 19, 21$
35	11.6	$p837 : 1, 3, 4, 5, 9, 11, 12, 15$
36	11.6	$p837 : 22, 23, 24, 26, 28, 29$

Exam 1 will cover lessons 1–10. Exam 2 will cover lessons 11–20. Exam 3 will cover lessons 21–30. 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.