Text: Technical Calculus with Analytic Geometery by Peter Kuhfittig, Third Edition, Brooks/Cole, 1994

A calculator with trigonometric and logarithmic functions and their inverses 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	1.3, 1.7	$p12 : 3, 6, 9, 15, 17, 19, 31, 32; p29 : 3, 6, 13, 16$
2	1.4	$p21 : 1, 3, 4, 5, 6, 7, 8, 19, 21, 22$
3	1.8, 1.9	$p34 : 1, 3, 13, 15, 20;\ p40 : 4, 10, 18, 24$
4	2.1	$p59 : 1, 6, 7, 8, 10, 11, 22, 24, 29, 31, 34, 36$
5	2.2	$p66 : 2, 4, 5, 9, 12, 14, 20, 30, 32, 34, 36, 37, 41$
6	2.3, 2.4	$p75 : 2, 4, 8, 11, 13, 21;$
7	2.5, 2.6	$p78 : 3, 6, 11, 14, 19;\ p82 : 2, 5, 13, 16, 24$
8	2.7	$p89 : 2, 4, 6, 10, 12, 13, 14, 16, 18, 19$
9	2.7	$p89 : 21, 26, 31, 34;\ p90 : 4, 6, 11, 16, 22, 24$
10	2.10	$p99 : 1, 2, 4, 5, 7, 8;\ p100 : 36$
11	6.1	$p218 : 2, 5, 10, 11, 12, 17, 21, 22$(Check your answer using your calculator.)
12	6.1	$p219 : 51, 54, 56, 61, 64, 83, 88, 89$
13	6.2	$p224 : 2, 6, 13, 18, 23, 30, 34, 37, 43, 44$
14	6.3	$p228 : 1, 2, 3, 5, 9, 18, 19, 20, 24, 29, 39, 41$
15	3.1	$p103 : 2, 3, 4, 6, 9, 10$
16	3.2	$p108 : 2, 5, 7, 8, 9, 10, 14, 17$
17	3.3	$p114 : 2, 5, 10, 12, 15, 16$
18	3.3	$p114 : 17, 21, 22, 23, 27, 31$
19	3.5	$p122 : 2, 3, 7, 11, 13, 14, 16$
20	3.5	$p122 : 19, 22, 24, 28, 31, 35$
21	3.6	$p131 : 1, 2, 5, 7, 11, 12$
22	3.6	$p131 : 16, 19, 20, 25, 28, 29$
23	3.7	$p135 : 2, 3, 5, 6, 8, 9, 11, 13, 15, 16$
24	4.1	$p139 : 2, 3, 6, 8, 11, 12, 15$
25	4.2, 4.3	$p147 : 2, 3, 4, 6, 8, 9$
26	4.4, 4.5	$p152 : 2, 3, 4, 5, 7, 9, 12, 14, 15, 20, 21, 22, 28, 32, 33$
27	4.5	$p153 : 57, 58, 60, 61, 64, 66, 67, 68, 70, 72$
28	4.6	$p159 : 3, 7, 10, 11, 13, 16, 17, 18, 19, 23, 25, 26$
29	4.8	$p168 : 2, 4, 6, 7, 10, 13, 15, 20, 21$ (The speed is the absolute value of the velocity.)
30	5.1	$p179 : 1, 4, 6, 9, 11, 12$
31	5.2	$p183 : 1, 3, 6, 7, 12, 15, 20, 23, 25$
32	5.3	$p189 : 3, 5, 7, 8, 9, 10, 12, 13, 23$
33	5.4	$p199 : 1, 3, 6, 10, 11, 14, 22, 23, 27$
34	5.6	$p210 : 1, 2, 4, 5, 7$
35	5.6	$p210 : 9, 10, 12, 13, 17, 18$
36	5.6	$p210 : 21, 23, 26, 29, 30, 31$

Exam 1 will cover lessons 1–10. Exam 2 will cover lessons 11–20. Exam 3 will cover lessons 21–31. 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.