Text: <u>Technical Calculus with Analytic Geometery</u> by Peter Kuhfittig, Fourth Edition, Brooks/Cole, 2005.

A **one-line, scientific calculator** with logarithm and exponential functions is required. Graphing calculators or programmable calculators may not be used. Calculators which are capable of numerical or symbolic differentiation or integration are considered programmable and are not allowed. All graphs must be sketched by hand on graph paper.

Lessons	Sections	Assignments
1	6.1-3	p218: 7, 17, 21, 35, 38; p222: 9, 21, 33, 58; p251: 9, 10
2	6.6	p232: 1, 4, 7, 11, 14, 15, 20, 22, 23, 25, 28, 30, 33, 38, 43, 46, 47
3	6.7	p237: 2, 8, 13, 15, 16, 22, 28, 32
4	6.8	p240: 1, 6, 7, 17, 18, 20, 21, 25, 30, 45
5	6.10	p247: 1, 3, 7, 10, 13, 16, 17
6	7.1	p254: 1, 4, 5, 6, 7, 9, 12, 13, 25, 32
7	7.2	p257: 3, 4, 7, 10, 15, 19, 20, 29, 38, 48, 50
8	7.3	p260: 2, 3, 9, 10, 17, 22, 28, 31, 33, 34, 42
9	7.7	p278: 1, 2, 5, 6, 7, 10, 12, 17
10	7.7	p278: 19, 20, 22, 25, 26
11		REVIEW FOR EXAM 1
12		EXAM 1 IN CLASS
13	7.8	p287: 1, 2, 5, 9, 10, 12
14	7.8	p288: 18, 19, 20, 21, 22 (Just give the partial fraction expansion. Do not integrate.)
15		p291: (Review Exercises)1, 2, 5, 7, 10, 11, 13, 22, 26, 41
16	10.1	p365: 1, 2, 4, 5, 7, 10, 12, 15, 20
17	10.3	p376: 1, 2, 5, 8, 12
18	10.4	p380: 1, 4, 5, 7, 9, 12, 13, 14, 18
19	10.5	p386: 1, 4, 5, 9, 12, 13, 14
20	10.5	p386: 15, 17, 19, 21, 25, 27
21	10.6	p397: 1, 2, 3, 4
22	10.6	p397: 5, 6, 7, 8; p398: 26
23		"CATCH UP" AND/OR STRUCTURED REVIEW FOR EXAM 2
24		OPTIONAL REVIEW FOR EXAM 2 (EVENING EXAM)
25	11.1	p402: 2, 4, 5, 9, 13, 15, 18, 20
26	11.2	p407: 1, 5, 8, 9, 11, 13, 15, 21, 33, 35, 36
27	11.3	p412: 2, 5, 9, 12, 15, 25, 29, 36
28	11.4	p419: 3, 6, 7, 8, 12, 13
29	11.4	p419: 14, 16, 15, 22, 24, 26
30	12.1	p431: 2, 4, 7, 9, 11, 12, 14, 29, 30
31	12.2	p434: 1, 4, 5, 10, 11, 15, 17, 21, 45, 46, 47
32	12.3	p440: 1, 5, 7, 8, 10, 14, 15, 16, 20
33	12.3	p441: 21, 24, 25, 27, 29, 30, 35, 37, 40
34	12.4	p449: 1, 2, 3, 4, 5, 9, 10, 11, 14, 15, 16
35		p450: (Review Exercises) 4, 8, 12, 15, 17, 21, 22, 25
36		REVIEW FOR EXAM 3
37		EXAM 3 IN CLASS
38	13.1-3	p459: 2, 3, 5, 7, 10, 12
39	13.1-3	p459: 14, 16, 19, 20, 21, 24
40	13.1-3	p459: 37, 38, 39, 42, 45, 48
41	13.4	p464: 1, 5, 7, 8, 11, 12, 14
42	13.4	p464: 16, 17, 18, 19, 21, 24, 28
43		REVIEW FOR FINAL EXAM
44		REVIEW FOR FINAL EXAM