Text: College Algebra by Gustafson and Frisk, 7th edition, Brooks/Cole (2001).

A calculator which has square roots, exponential and logarithmic functions is required. Calculators may be used for all problems below except those where you are asked to find an exact value or where calculators are explicitly forbidden. All homework should be written clearly with sufficient work shown to justify your answer.

Lessons	Sections		Assignments (front and back)
1	1.1	p11:	4,6,8,10,12,14,16,18,20
2	1.1	p11:	21,22,23,24,25,26,28,30,32,34,47,61,64,66,67,68,78,81,84,89,90,91
3	1.2	p22:	1,2,3,7,8,10,12,14,16,20,21,23,26,28,30,35,40,48,57,68,76,82,88,94
4	1.2	p23:	95,98,101,103,104,108,112,115,118,119,122
	1.3	p33:	5, 10, 12, 14, 16, 23, 24, 30, 33
5	1.3	p33:	39,50,52,59,64,68,71,73,80,81,83,84,86,95,100,111,114
6	1.4	p43:	1,2,3,6,14,15,21,28,32,43,46,47, 50,54,56,64,79,80
7	1.4	p43:	81,84,88
	1.5	p53:	1,2,4,6,11,14,15,18,27,30,31,33,38,40,44
8	1.5	p54:	46,49,56,59,60,61,64,66,67,71,126,128,129
9	1.6	p62:	1,2,3,4,5,6,7,17,22,25,31,34,39,52,53,57,62,64,82,85,97,98,109,110
10	2.1	p81:	2,4,5,7,8,19,20,26,28,29,32,38,45,47,50,57,60,72,96,98,100
11	2.2	p89:	2,6,9,11,12,13,15,16,18,20,21,22,24,25

EXAM #1   TUESDAY, SEPTEMBER 23rd   8:30 P.M.   ELLIOTT HALL OF MUSIC

12	2.2	p91:	28,29,30,32,34,35,36,38,43,45,46,48,50,54,57,58
13	2.3	p101:	1,3,8,9,10,16,23,24,26,28,31,36,40,42,46,48
14	2.3	p102:	52,55,58,60,74,76,78,80,85,90,95,96,98,100,110
	2.4	p107:	3,6
15	2.4	p107:	11,12,16,19,20,28,30,36,38,42
16	2.5	p117:	1,2,3,4,5,9,12,14,16,22,24,26,30,32,34,42,46,48,74,75,76,86
17	2.6	p123:	4,6,7,11,18,20,25,26,28,30,32,61,63
18	2.7	p134:	14,16,21,24,28,30,31,32,81,86,87
	2.8	p142:	45,46,50,56,79,80
19	3.1	p165:	2,4,5,6,8,10,18,24,32,33,38,41,42,46,51,63,70,76,80,81,92,93,97,98
20	3.2	p177:	1,2,6,7,8,10,12,13,16,20,32,34,35,36,38,40,42,48,60,64,66,72,73,76,81
	3.3	p188:	8,10
21	3.3	p188:	18,20,30,31,42,45,52,60,68,82,84,92,94,95,98,107,108,114
22	3.4	p203:	1,2,3,4,5,6,15, 23,25,31,32,43,44,49,50,51,53,54,55,91,92,100,104

EXAM #2 THURSDAY, OCTOBER 23RD   8:30 P.M. ELLIOTT HALL OF MUSIC

23	3.5	p213: 1,2,6,7,9,10,15,16,18,19,21,22,24,25,26,31,32,34,37,38,47,48
24	4.1	p233: 1,3,4,5,6,7,8,9,16,18,20,28,29,31,35,38,42,53,54,55,56,59,60,79,80,84,94
25	4.3	p251: 2,3,5,11,31,34,35,36,41,42,48,53,54
26	4.6	p287: 19,20,21,22,23,24,25,26,36,37,39,40,48,51,55,56,58,64,65,68,75
27	4.7	p295: 1,2,3,4,6,8,10,12,14,16,28,30,31,33,52,56,63,66
28	5.1	p316: 23,25,33,34,35,36,74,75,78
	5.2	p323: 4,8,11,15,16,18,19,21,30,31
29	5.3	p332: 1,2,3,4,5,6,7,8,17,22,26,30,38,40,44,45,54,62,64,70,72,73,74,82,85,87
30	5.4	p338: 4,13,14,15,17,18,20,22,24,25,26,33,34,36
31	5.5	p347: 1,2,4,6,11,12,13,14,27,31,34,40,41,44,66,68,70,72,86,88
32	5.6	p355: 1,2,6,10,12,30,40,41,45,49,50,51,66

EXAM #3 TUESDAY, NOVEMBER 18TH 8:30 P.M. ELLIOTT HALL OF MUSIC

33	7.1	p409: 4,7,11,12,15,21,24,30,34,38,39,41
34	7.1	p411: 64,65,66,68,70,71,72,88,89,90,91
35	3.4	p204: 7,8,9,10,66,67,73,76,77,80
	8.1	p497: 13,14,15,18,19,20,50,52
36	4.2	p243: 2,3,21,22,26,29
	8.1	p497: 30,31,35,37,38,40,55

standard equation of vertical parabola: $y - k = a(x - h)^2$

37	10.1	p605: 15,18,20,22,24,25,26,28,30,31,32,34,36,40,42,48
38	10.2	p610: 1,2,3,7,8,11,14,16,18,19,20,22,35,36
39	10.2	p611: 24,25,26,28,29,30,31,32,37,38
40	10.3	p616: 1,2,5,6,7,9,10,12,15,16,24,25,26

Review for final exam

There is a two-hour final during finals week.

The website for this course is available at the following address:

http://www.math.purdue.edu/MA152