Text: College Algebra, Custom Edition for Purdue University, Thomson.
A scientific one-line calculator which has square roots, exponential and logarithmic functions is required. You calculator may be used for all homework problems below except those where you are asked to find an exact value or where calculators are explicitly forbidden. (However, calculators will not be allowed on quizzes or exams until after exam 2.) All homework should be **written clearly with sufficient work shown to justify your answer**.
The homework problems in **bold print** are done online using Cengage (iLrn/ThomsonNOW).

Lessons	Sections	Assignments (2 pages)
1	0.1	p11: 4,6,10,12,14,16,18,20,**21**,23,24,**27,28,30,32**,34
2	0.1	p12: 45,50,66,67,70,72,78,82,85,88,90,91,93
3	0.2	p24: 1,3,7,8,10,12,14,16,20,21,23,26,30,40,48,57,68,76,82,87,88

Note: On Wednesday, January 21st MA 152 will meet in a computer lab (**ENAD 135 or 138**).

Lessons	Sections	Assignments (2 pages)
4	0.2	p25: 95, **97,100,105**,108,112,**115**,118,**120**
	0.3	p36: 5, 13, 14, 16,21,23, 24, 30, 33
5	0.3	p36: 39,50,52,53,59,68,71,81,83,84,86,95,100
6	0.4	p46: 1,2,3,14,15,21,28,32,43,46,47, 50, 54,56,64,79
7	0.4	p48: 81, 84,88
	0.5	p57: 1,2,4,6,11,14,18,19,21,27,30,31,33,40,44
8	0.5	p57: 46, 49, 51, 54, 56,59,61,64,66,67,71,128,129
9	0.6	p66: 1,2,3,4,6,7,17,22,25,**31,35,38**,53,**57**,62,**63**,82,84,85,109,110

Exam 1 Thursday, February 5th at 8:00 PM in Elliott Hall of Music

Lessons	Sections	Assignments (2 pages)
10	1.1	p87: 2,4,5,8, **17, 18**,19,20, **21**, 26,28,29,32,38,**43**,50,57,60,**72**,96,98
11	1.2	p95: 2,6,9,11,**12**,13,16,**18**,19,20,**21,22,25**
12	1.2	p96: 28,**29**,34,39,40,**51,53,54**,57,**58**,65,66
13	1.3	p108: 1,3,8,9,**10,16**,23,**24,26**,28,31,40,42,**48**
14	1.3	p109: 52,**55,58,60**,74,76,78,80,**85**,90,95,98,112
	1.4	p114: **3**, 6
15	1.4	p115: **9**,13,14,18,23,**24,32,34,42**,48
16	1.5	p126: 1,2,4,5,14, 16, **18,20**,22,**23,25,33**,38,40,45,48,50,74,76,86
17	1.6	p133: 4,**5**,7,11,**15**,20,**25**,26,**28,30**,32,61,63
18	1.7	p144: **13, 15**, 21, **24**,28,30,31,86,87
	1.8	p153: 45, **47, 50**,56,79,80
19	2.1	p176: 2,5,8,10,18,**25**,32,33,**35**,38,41,46,51,63,**69**,76,80,81,92,**97,98**
20	2.2	p189: 1,2,6,7,8,10,14,**15,17**,18,**25,27**,34,36,37,38,40,42,44,50,62,66,73,75,83
	2.3	p202: **7**, 10
21	2.3	p202: 18,**20,30**,31,**42**,45,52,**59**,68,82,**84**,95,110,118
22	2.4	p220: 1, 2, 4, 5, 6, **11**, 15, 23,25,**29**,31,32,43,**47**,49,**51**,53,**54**,91,92,100

Exam 2 Tuesday, March 10th at 8:00 PM in Elliott Hall of Music

23	2.5	p229: 1,2,6,7,9,15,16,**18**,19,**21**,22,**24,25,26**,35,36,38,41,53,54
24	3.1	p251: 1,3,4,5,9,16,18,20,25,28,29,**35,40,46**,55,56,57,61,83,**84,86**,100
25	3.3	p272: 1,4,5,7,11,**12**,15,**37,39**,40,**43**,44,51,**52**,58,63,64
26	3.6	p312: **19**,20,21,23,24,25,36,37,**38,39**,40,**51,52**,55,56,64,65,68,75
27	3.7	p320: 1,2,3,4,6,8,10,14,16,**27**,30,**31**,33,**51**,53,**56(2 parts)**,63,66
28	4.1	p342: 23, 25, 33, 34, **35**, 36, **75**, 76, 80
	4.2	p349: 8, **11**,15,**16**,18,19,**32**,33
29	4.3	p360: 1, 2, 3, 7, 17, 22, 26, 30, **33**, 38, **40**, 44, 45, **54, 64, 69**, 72, 73, 82, 85
30	4.4	p366: **8**,15,16,**17,19**,20,**24,26**,37,38,40
31	4.5	p375: 1,2,6,11,12,**13,15**,27,31,**34,40**,41,66,68,72,**86**,88

Exam 3 Thursday, April 9th at 6:30 PM in Elliott Hall of Music

32	4.6	p384: 1,2,**5,10**,12,34,44,45,**49**,53,**54,55**,70(formula on p339)
33	6.1	p444: 4,7,11,12,**16,22**,24,**29**,33,**36**,40,41,**43**
34	6.1	p444: **14,25,27**,(review)68,69,**70,74**,75,76,92,93,94
35	2.4	p220: 7, 8, 9, 10, 66, 67, 73, 76, 77
append II.1		pA-11: **5,11,14,25**,31,34,**47**,48
36	3.2	p260: 3,**16**,25,**26,31**,32,**37**
append II.2		pA-19: 10,13,14,23,27,**30**,40 standard equation of vertical parabola: $y - k = a(x - h)^2$
37	9.1	p654: 21,24,26,28,30,31,34,36,37,38,44,48,50,56
38	9.2	p660: 1,2,3,7,8,11,14,16,18,19,20,22,35,36
39	9.2	p661: 24,25,26,28,29,30,31,32,37,38
40	9.3	p667: 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/MA15200**

The website for the online homework is http://www.ilrn.com