Text: <u>College Algebra</u>, 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 <u>except</u> 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).

<u>Lessons</u>	<u>Sections</u>		<u>Assignments (2 pages)</u>
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, September 3rd MA 152 will meet in a computer lab (**ENAD 135, 138, or 420**).

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:	1,2,4,6,11,14,18,27,30,31,33,40,44
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
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**

Exam 1 Tuesday, September 23rd at 8:00 PM in Elliott Hall of Music

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 Thursday, October 23rd at 6:30 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
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**

Exam 3 Wednesday, November 19th at 6:30 PM in Elliott Hall of Music

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