Text: <u>Algebra and Trigonometry with Analytic Geometry</u> by Swokowski / Cole, Classic Tenth Edition, Brooks / Cole (2003).

Calculators are required, and only scientific, non-programmable, non-graphing ones are allowed for quizzes and exams. Calculators may be used for all problems below <u>except</u> 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	1.1-2	p13: 2, 5, 8, 9, 12; p25: 3, 4, 6, 12, 13, 15, 20, 23, 24
2	1.2	p25: 7, 8, 25, 27, 31, 32, 36, 37, 41, 51, 54, 58, 61, 62, 64, 65, 67, 68, 78, 86, 87, 95
3	1.3	p38: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40, 46
4	1.3	p39: 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 92, 97, 100
5	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26
6	1.4	p48: 33, 34, 37, 41, 43, 46, 49, 50, 55
7	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 55, 63, 66, 67, 70
8	2.2	p71: 1, 4, 6, 7, 8, 9, 10, 12, 14, 15, 17, 18, 19
February 4		**Optional attendance in-class review session**
February 5		**Exam 1 -- 6:30 p.m. -- Hall of Music**
9	2.2	p72: 23, 24, 25, 27, 29, 30, 31
10	2.3	p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28
11	2.3	p84: 35, 36, 39, 48, 50, 53, 54
12	2.3	p85: 55, 56, 59, 60, 61, 62, 66, 67, 69, 72
13	2.4	p94: 4, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53
14	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 41, 52, 56, 62, 64
15	2.6	p110: 2, 4, 7, 14, 17, 22, 29, 41, 47, 49, 51, 54, 55, 57, 63, 69, 75, 78, 83
16	3.1	p130: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
17	3.2	p141: 4, 7, 12, 17, 25, 32, 36, 39, 43, 46, 50, 51, 57, 66
18	3.3	p153: 2, 14, 15, 17, 20, 22, 27, 30, 31, 34
19	3.3	p154: 36, 37, 41, 43, 47, 55, 56, 60, 64
March 3		**Optional attendance in-class review session**
		Exam 2 -- 7:00 p.m. -- Hall of Music
20	3.4	p169: 1, 6, 9, 10, 11, 12, 13, 15, 16, 17, 21, 23, 24, 25
21	3.4	p169: 34, 35, 39, 41, 46, 57, 59, 60, 63, 65, 68

22	3.5	p181: 2, 4, 8, 11, 12, 14, 21, 25, 27, 29, 30, 31, 33, 36, 37
23	3.5	p182: 40 *abcdefghij*, 41, 44, 62 *abcdef*
24	3.5	p182: 45, 48, 50, 63, 64, 65
25	3.6	p192: 7, 10, 16, 21, 24, 26, 27, 30, 39, 43, 45, 49
26	3.7	p202: 1, 2, 10, 13, 15, 18, 35, 37, 39, 45, 47, 49
27	3.8	p213: 6, 9, 19, 22, 23, 24, 25, 26, 29, 39, 40, 48
28	3.9	p219: 3, 8, 12, 15, 16, 17, 24; p226: 92
29	2.7	p118: 2, 3, 7, 10, 13, 17, 25, 31, 44, 45
30	4.1	p237: 2, 3, 11, 15, 18, 19, 27, 33, 39
April 7		**Optional attendance in-class review session**
April 8		**Exam 3 -- 8:30 p.m. -- Hall of Music**
31	9.1	p570: 2, 4, 7, 13, 18, 20, 23, 31, 35
32	9.2	p579: 2, 5, 10, 14, 15, 16, 17, 21
33	9.2	p580: 24, 29, 31, 32, 34
34	5.1-2	p293: 2, 7, 11, 13, 17, 25, 37, 38, 42; p302: 1, 2, 5, 8, 13, 15
35	5.3	p315: 1, 4, 13, 16, 18, 25, 26
36	5.3	p316: 33 *abcdefgij*, 41, 43, 44, 47, 53, 59, 62
37	5.4	p326: 1, 4, 6, 10, 11, 14, 15
38	5.4	p326: 18, 22, 25, 27, 31, 43, 46, 53
39	5.5	p336: 2, 5, 9, 12, 18, 25, 43, 49, 50, 54

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

http://www.math.purdue.edu/MA153

Among the useful information that you will find are the even answers to homework problems, (odd answers are in the back of the textbook), exam times/locations, review problems, old exams/answers, exam answers and letter grade curves (when available), etc.