Text: <u>Algebra and Trigonometry with Analytic Geometry</u> by Swokowski / Cole, Classic Eleventh Edition, Brooks / Cole (2005).

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.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments (front and back)</u>
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, 62, 64, 65, 67, 68, 78, 86, 87, 95
3	1.3	p39: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40, 46, 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 94, 99, 102
4	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26, 33, 34, 37, 41, 43, 46, 49, 50, 55
5	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 59, 61, 70, 74
6	2.2	p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21
7	2.2-3	p71: 25, 26, 27, 29, 31, 32, 33; p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28
8	2.3	p84: 35, 36, 39, 52, 54, 57, 58, 59, 60, 63, 64, 65, 66, 70, 71, 73
June 21		**In –class review for Exam 1**
June 22		**Exam 1 (during class)**
9	2.4	p93: 4, 5, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53
10	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 52, 58, 66
11	2.6	p109: 2, 3, 4, 7, 8, 14, 17, 22, 29, 47, 49, 51, 54, 55, 57, 63, 75, 77, 78, 83
12	3.1	p128: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
13	3.2	p138: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 61, 63, 70
14	3.3	p151: 2, 14, 15, 19, 22, 24, 27, 29, 32, 33, 36, 38, 39, 43, 45, 49, 57, 58, 62, 66
15	3.4	p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29
16	3.4	p168: 40, 41, 45, 47, 49, 54, 65, 67, 68, 71, 73, 76
July 6		**In-class review for Exam 2**
July 9		**Exam 2 (during class)**

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17	3.5	p181: 4, 6, 10, 13, 14, 16, 23, 27, 29, 31, 32, 33, 35, 38, 39, 42 *abcdefghij,*
18	3.5	p182: 43, 46, 63 *abcdef*, 64 *abcdef*, 47, 50, 52, 65, 66, 67, 68
19	3.6	p192: 7, 10, 14, 16, 21, 24, 26, 29, 32, 33, 41, 45, 46, 47, 51
20	3.7, 4.6	p203: 1, 2, 10, 13, 15, 18, 35, 37, 45, 47, 49; p270: 3, 8, 12, 14, 15, 16, 17, 24; p274: 49
21	2.7	p117: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45
22	4.1	p219: 2, 13, 17, 20, 21, 22, 29, 35, 41
23	9.1	p570: 2, 4, 7, 13, 18, 20, 23, 39, 40
24	9.2	p579: 2, 5, 10, 14, 15, 16, 17, 21, 24, 29, 31, 32, 34
July 20		**In-class review for Exam 3**
July 23		**Exam 3 (during class)**
25	5.1	p285: 3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46
26	5.2-3	p296: 2, 7, 11, 17, 29, 41, 42, 46; p306: 1, 2, 5, 8, 13, 15
27	5.4	p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28, 35 *abcdefgi*, 45, 47, 48, 51, 57, 63, 64, 66
28	5.5	p328: 1, 4, 6, 7, 10, 11, 13, 14, 15, 18, 22, 25, 27, 31, 43, 46, 53
29	5.6	p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56
July 31		**Review for final exam**

Final exam either on August 1, 2, or 3 – Date, time, and location to be announced

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), old exams/answers, etc.