Text: Algebra and Trigonometry with Analytic Geometry 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 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.

The bolded problems will be done online using the computerized homework system Thomson Now. The non-bolded problems should be done hand-written on paper (occasionally collected). You are responsible for completing all problems.

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, 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
4	1.3	p39: 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 94, 99, 102
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**, 59, 61, 70, **74**
8	2.2	p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21
9	2.2	p71: 25, 26, 27, 29, 31, 32, 33
10	2.3	p84: **2, 5, 11**, 14, 16, 20, **21, 26**, 27, 28
11	2.3	p84: 35, 36, **39, 52**, 54, 57, **58**
September 18		**Optional attendance in-class review session**
		Exam 1 – 8:30 pm – Hall of Music
12	2.3	p85: 59, 60, 63, **64, 65**, 66, **70**, 71, **73**
13	2.4	p93: 4, **5, 11, 15, 18, 19**, 22, **29, 37**, 39, 42, 45, 51, 53
14	2.5	p100: 3, **4, 13, 19**, 24, 25, 35, 38, **52**, 58, 66
15	2.6	p109: 2, 3, **4**, 7, 8, 14, **17, 22**, 29, 47, 49, 51, **54, 55**, 57, **63**, 75, **77**, 78, 83
16	3.1	p128: 2, **6**, 7, **10**, 14, **15, 19**, 22, 25, 29
17	3.2	p138: 4, 7, 12, 17, 25, 32, **34, 36**, 39, **43**, 46, **50**, 51, 57, 61, 63, 70
18	3.3	p151: 2, 14, 15, 19, 22, 24, **27**, 29, **32, 33, 36**

OVER

19	3.3	p152: **38**, 39, 43, **45, 49**, 57, **58, 62,** 66
October	**11**	**Optional attendance in-class review session**
October	**12**	**Exam 2 – 6:30 pm—Hall of Music**
20	3.4	p167: 1, **4**, 6, **9**, 10, 11, 12, **13**, 19, **20, 21**, 25, 27, **28**, 29
21	3.4	p168: **40**, 41, 45, 47, **49, 54**, 65, **67**, 68, 71, **73**, 76
22	3.5	p181: 4, 6, 10, 13, 14, 16, 23, **27, 29**, 31, 32, 33, 35, 38, 39
23	3.5	p182: 42 *abcdefghij,* **43**, 46, **63 *abcdef*,** 64 *abcdef*
24	3.5	p182: 47, 50, 52, **65**, 66, 67, **68**
25	3.6	p192: **7**, 10, **14**, 16, 21, **24**, 26, 29, **32, 33**
26	3.6	p194: **41**, 45, **46, 47**, **51**
27	3.7	p203: 1, 2, **10**, 13, 15, 18, **35, 37**, 45, **47, 49**
28	2.7	p117: **2**, 3, **7**, 10, **13**, 17, **25**, 27, 31, 44, **45**
29	4.1	p219: 2, 13, **17, 20**, 21, **22**, 29, **35**, 41
30	4.6	p270: **3**, 8, **12, 14**, 15, **16, 17, 24**; p274: 49
31	9.1	p570: **2**, 4, 7, 13, 18, **20, 23, 39, 40**
32	9.2	p579: 2, **5**, 10, 14, 15, 16, 17, **21**
33	9.2	p580: **24, 29**, 31, **32**, 34
November	**15**	**Optional attendance in-class review session**
November	**16**	**Exam 3 – 6:30 pm – Hall of Music**
34	5.1	p285: 3, 8, 11, **25, 28, 29**, 30, **31**, 32, 35, **45**, 46
35	5.2-3	p296: **2**, 7, 11, 17, **29, 41, 42**, 46; p306: 1, 2, **5**, 8, 13, **15**
36	5.4	p318: 1, **2**, 3, **4**, 15, 18, 20, 22, **25**, 27, **28**
37	5.4	p319: 35 *abcdefgi*, 45, 47, 48, 51, 57, 63, **64, 66**
38	5.5	p328: 1, **4**, 6, 7, 10, 11, **13**, 14, 15
39	5.5	p328: 18, 22, 25, 27, 31, 43, 46, 53
40	5.6	p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56

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), Thomson Now links, exam times/locations, review problems, old exams/answers, exam answers and letter grade curves (when available), etc.