

Text: Algebra and Trigonometry with Analytic Geometry 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. Cell phones and PDA's cannot be used as calculators, nor can calculators be shared. 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. Whenever possible, check your answer.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments (front and back)</u>
1	1.1-2	p13: 2, 5, 8, 9, 12;
1	1.2	p25: 3, 4, 6, 7, 8, 12, 13, 15, 20, 23, 24, 25, 27, 31, 32, 36, 37, 41, 51, 54, 58, 61, 62, 64, 65, 67, 68, 78, 86, 87, 95
1	1.3	p38: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40, 46
2	1.3	p39: 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 92, 97, 100
2	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26, 33, 34, 37, 41, 43, 46, 49, 50, 55
3	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 55, 63, 66, 67, 70
3	2.2	p71: 1, 4, 6, 7, 8, 9, 10, 12, 14, 15, 17, 18, 19, 23, 24, 25, 27, 29, 30, 31
4	September 14	First hour: Review for exam 1
4		Second hour: Exam 1 (Sections 1.1 – 2.2 problem #19)
4		Third hour: New lesson:
	2.3	p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28, 35, 36, 39, 48, 50, 53, 54
5	2.3	p85: 55, 56, 59, 60, 61, 62, 66, 67, 69
5	2.4	p94: 4, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53
5	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 41, 52, 56, 62, 64
6	2.6	p110: 2, 4, 7, 14, 17, 22, 29, 41, 47, 49, 51, 54, 55, 57, 63, 69, 75, 78, 83
6	3.1	p130: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
6	3.2	p141: 4, 7, 12, 17, 25, 32, 36, 39, 43, 46, 50, 51, 57, 66
7	3.3	p153: 2, 14, 15, 17, 20, 22, 27, 30, 31, 34, 36, 37, 41, 43, 47, 55, 56, 60, 64
7	3.4	p169: 1, 6, 9, 10, 11, 12, 13, 15, 16, 17, 21, 23, 24, 25
8	October 19	First hour: Review for exam 2
8		Second hour: Exam 2 (Problem #23 Section 2.2 – 3.4 problem #25)
8		Third hour: New lesson:
	3.4	p169: 34, 35, 39, 41, 46, 57, 59, 60, 63, 65, 68
9	3.5	p181: 2, 4, 8, 11, 12, 14, 21, 25, 27, 29, 30, 31, 33, 36, 37
9	3.5	p182: 40 <i>abcdefghij</i> , 41, 44, 62 <i>abcdef</i> , 45, 48, 50, 63, 64, 65

9	3.6	p192: 7, 10, 16, 21, 24, 26, 27, 30, 39, 43, 45, 49
10	3.7	p202: 1, 2, 10, 13, 15, 18, 35, 37, 39, 45, 47, 49
10	3.8	p213: 6, 9, 19, 22, 23, 24, 25, 26, 29, 39, 40
10	3.9	p219: 3, 8, 12, 15, 16, 17, 24; p226: 92
11	2.7	p118: 2, 3, 7, 10, 13, 17, 25, 31, 44, 45
11	4.1	p237: 2, 3, 11, 15, 18, 19, 27, 33, 39
11	9.1	p570: 2, 4, 7, 13, 18, 20, 23, 31, 35
12	November 16	First hour: Review for exam 3
12		Second hour: Exam 3 (Problem #34 section 3.4 - 9.1 problem #35)
12		Third hour: New lesson:
	9.2	p579: 2, 5, 10, 14, 15, 16, 17, 21, 24, 29, 31, 32, 34
13	5.1-2	p293: 2, 7, 11, 13, 17, 25, 37, 38, 42;
13	5.2	p302: 1, 2, 5, 8, 13, 15
13	5.3	p315: 1, 4, 13, 16, 18, 25, 26, 33 <i>abcdefghijkl</i> , 41, 43, 44, 47, 53, 59, 62
14	5.4	p326: 1, 4, 6, 10, 11, 14, 15, 18, 22, 25, 27, 31, 43, 46, 53
14	5.5	p336: 2, 5, 9, 12, 18, 25, 43, 49, 50, 54

Fourteen class meetings of 160 minutes each are scheduled above. This outline leaves one class meeting for review. There is a two-hour final during finals week.

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), review problems, old exams/answers, and letter grade curves (when available), etc.