

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Twelfth Edition, Brooks / Cole (2010).

Calculators are required, and only a one or two line, scientific calculator is allowed for quizzes and exams. The TI-30XA scientific calculator is strongly recommended. 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 WebAssign. The non-bolded problems should be done hand written on paper. You are responsible for completing all problems.

<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
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
February 2		Optional attendance in-class review session
February 3		Exam 1 – 6:30 pm – EE 129 / CL50 224
10	2.3	p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28
11	2.3	p84: 35, 36, 39, 52, 57, 58
12	2.3	p85: 59, 60, 63, 64, 65, 66, 70, 71, 73
13	2.4	p93: 4, 5, 11, 15a, 18a, 19, 22, 29, 37, 39, 42, 45, 53, 55
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
19	3.3	p152: 38, 39, 43, 45, 49, 57, 58, 62, 66
20	3.4	p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29

March 2		Optional attendance in-class review session
March 3		Exam 2 – 8:00 pm – EE 129 / CL50 224
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 <i>abcdefghij</i> , 43, 46, 63 <i>abcdef</i> , 64 <i>abcdef</i>
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, 25, 41, 42
32	9.2	p579: 2, 5, 10, 16, 17, 18, 19, 23
33	9.2	p580: 26, 31, 33, 34, 36
April 11		Optional attendance in-class review session
April 12		Exam 3 – 6:30 pm – EE 129 / CL50 224
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 <i>abcdefghi</i> , 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/MA15300>

Among the useful information that you will find are WebAssign links, exam times/locations, review problems, old exams/answers, exam answers and letter grade curves (when available), etc.