

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

A calculator which has square roots, trigonometric and logarithmic functions and their inverses is required. Only scientific non-programmable, non-graphing calculators 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 the answer. Whenever possible, check your answer.

<u>Lesson</u>	<u>Section</u>	<u>Assignments</u>
1	1.1	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, 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		EXAM 1: sections 1.1–2.2 #19
4	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, 72
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, 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		EXAM 2: sections 2.2 #23–3.3
8	3.4	p169 : 34, 35, 39, 41, 46, 57, 59, 60, 63, 65, 68
8	3.5	p181 : 2, 4, 8, 11, 12, 14, 21, 25, 27, 29, 30, 31, 33, 36, 37
9	3.5	p181 : $40a - j$, 41, 44, $62a - f$, 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, 48
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		EXAM 3: sections 3.4–4.1
12	9.2	p579 : 2, 5, 10, 14, 15, 16, 17, 21, 24, 29, 31, 32, 34
13	5.1	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>abcde fgij</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.