

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 **non-programmable, non-graphing** scientific calculators 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 the answer. Whenever possible, check your answer.

<u>Lesson</u>	<u>Section</u>	<u>Assignments</u>
1	6.1	<i>p</i> 354 : 2, 3, 5, 8, 10, 11, 13, 14, 17, 18, 22, 23, 26, 27, 29 – 36, 37 <i>ad</i> , 38, 39, 49
1	6.2	<i>p</i> 369 : 4, 5, 9, 14, 17, 19, 21, 23, 24, 27, 30
2	6.2	<i>p</i> 369 : 45, 47, 49, 50, 51, 53, 54, 55, 57, 59, 60, 68, 72, 75, 79, 81, 82, 84, 86
2	6.3	<i>p</i> 387 : 1, 4, 5, 6, 9, 12, 15, 16, 18, 19, 21, 23, 24, 27, 29, 32, 34, 41, 50, 55, 57, 63
3	6.4	<i>p</i> 397 : 2, 3, 6, 7, 10, 12, 13, 16, 18, 19, 22, 25, 30, 33, 36, 37
3	6.5	<i>p</i> 408 : 1, 6, 7, 11, 19, 27, 28, 31, 32, 36, 41, 42, 43, 44, 46, 53, 54
4		EXAM 1 sections: 6.1–6.5
4	6.7	<i>p</i> 425 : 4, 5, 6, 11, 12, 15, 18, 19, 25, 26, 28, 31
5	6.7	<i>p</i> 425 : 33 – 36, 42, 45, 46, 48, 51, 61 – 66
5	7.2	<i>p</i> 454 : 1 – 8, 11, 12, 13, 16, 17, 20, 21, 25, 27, 28, 30
6	7.2	<i>p</i> 454 : 37, 39, 42, 43, 47, 48, 50, 51, 53
6	7.3	<i>p</i> 464 : 2, 3, 6, 7, 10, 12, 14, 17, 18, 19, 20, 21, 22, 35, 37, 40
6	7.4	<i>p</i> 474 : 1, 2, 3, 4, 11, 14, 15, 22, 25
7	7.4	<i>p</i> 474 : 33, 35, 37, 43, 44, 48
7	7.6	<i>p</i> 494 : 1, 3, 4, 7, 12, 13, 14, 19, 20, 23, 24, 27, 32, 33, 34
8		EXAM 2 sections: 6.7–first part of 7.6 (through problem 14)
8	7.6	<i>p</i> 494 : 53, 54, 55, 56, 61, 62, 64, 67
8	8.1	<i>p</i> 511 : 5, 8, 10, 13, 16, 17, 19
9	8.1	<i>p</i> 511 : 21, 24, 25, 27, 28
9	8.2	<i>p</i> 520 : 3, 5, 8, 11, 13, 15, 16, 18, 20, 21, 24
10	8.3	<i>p</i> 533 : 2, 5, 8, 12, 13, 14, 16, 30, 33, 38, 39, 41, 43, 45, 46, 49, 51, 53, 55, 58, 59, 61, 63, 65, 68
10	8.4	<i>p</i> 545 : 2, 3, 5, 10, 12, 14, 16, 18, 20, 23
11	4.5	<i>p</i> 279 : 1, 2, 3, 6, 7, 9, 11, 12, 14, 16, 18, 22, 26, 28, 33, 36, 38, 40, 41, 42, 43, 44
12		EXAM 3 sections: last half of 7.6–4.5
12	11.1	<i>p</i> 738 : 3, 5, 6, 9, 12, 13, 14, 15, 16, 17, 18, 21, 22, 24, 25, 27
13	11.2	<i>p</i> 750 : 2, 5, 8, 10, 12, 13, 15, 16, 17, 18, 19, 21, 23, 25, 26, 29, 30, 31, 32, 45, 46, 47
13	11.3	<i>p</i> 762 : 1, 3, 6, 8, 11, 12, 14, 16, 17, 20, 22, 23, 26, 27, 29, 31, 34, 35, 36, 40, 41, 43, 44, 57

Thirteen class meetings of 160 minutes each are scheduled above. The outline leaves two hours in the last meeting for review. There is a two-hour final during finals week.