MA 154X　　　　　Assignment Sheet　　　　　Fall 2008

Text: <u>Algebra and Trigonometry with Analytic Geometry</u> by Swokowski / Cole, Classic Eleventh Edition, Brooks / Cole (2006).

A one-line scientific calculator is required for the course and is the **only calculator** allowed on quizzes and exams. Do not buy or bring to class a two-line calculator.

The vast majority of the homework will be completed using the Math Department's online homework system, SAGE. The problems in SAGE match up one-for-one with the problems listed below however, the numerical values within each problem are changed. To access the system, go to the course web page, **www.math.purdue.edu/courses/MA154X**, and click on the link, **SAGE: the online homework system**. You will use your career account Username and Password to log into SAGE.

Questions about SAGE should be brought to the attention of your instructor or the Course Coordinator, Tim Delworth, delworth@math.purdue.edu.

Lessons 4, 32, 33 and 34 along with assigned problems that are **bolded** are not programmed into SAGE. They are to be completed on paper and brought to class for review. They are fair game for an exam question.

Lesson	Section	Assignment
1	6.1	p356: 2,3,5,8,10,11,13,14,17,18,22,23,26,27
2	6.1	p356: 29,30,31,32,33,34,35,36,37ad,38,39,50,51
3	6.2	p372: **3**,6,7,11,16,19,21,23,25,26,29,32

Lesson	Section	Assignment	
4	**6.2**	**p372: 49,51,53,54,55,57,58,59,61,63**	**Lesson 4** is not programmed in SAGE. Do it on paper and bring it to class with your questions.
5	6.2	p372: **64,65**,73,76,79,83,85,86,88,90	
6	6.3	p390: 1,4,5,6,9,12,15,16,18,19**,21,23,24**	

Lesson	Section	Assignment
7	6.3	p390: 27,29,32,34,41,50,**55,57,63**
8	6.4	p399: 2,3,6,7,10,12,13,16,18
9	6.4	p399: 19,22,25,30,33,36,37

Lesson	Section	Assignment
10	6.5	p410: **1**,6,7,11,19,27,28
11	6.5	p410: 31,32,36,41,42,43,44,46,53,54

**Review
Exam 1　Tuesday, September 23rd**

Lesson	Section	Assignment
12	6.7	p427: 4,5,6,11,12,15,18,19,25,26,28,31
13	6.7	p427: 33,34,35,36,42, 45,46,48,51

Lesson	Section	Assignment
14	6.7	p427: 61,**62**,63,64,65,66
15	7.2	p455: 1,3,5,7,11,13,17,20,25,27,30
16	7.2	p455: 37,39,42,43,47,48,50,51,53

Lesson	Section	Assignment
17	7.3	p464: 2,3,6,7,10,12,14,17,18
18	7.3	p464: 19,20,21,22,**35,37,40**
19	7.4	p473: 1,2,3,4,**11,14,15,22,25**

Lesson	Section	Assignment
20	7.4	p473: 35,37,39,**45(b only), 46(a only)**,50
21	7.6	p492: 1,3,4,7,12,13,14
22	7.6	p492: 19,20,23,24,27,32,**33,34**

Review		
Exam 2	**Tuesday, October 28ᵗʰ**	
23	7.6	p492: 53,54,55,56,61,62,64,67
24	8.1	p509: 5,8,10,12,13,16,17,19
25	8.1	p509: 21,24,25,27,28

26	8.2	p518: 7,9,12,15,17,19
27	8.2	p518: 20,22,24,25,28
28	8.3	p532: 2,5,**8**,12,13,14,16,30,33,38,39
29	8.3	p532: 41,43,45,46,49,51,53,55
30	8.3	p532: 58,**59**,61,63,**64**,65,**66**,68

31	8.4	p544: 2,3,5,**10,12,14,16**,18,20,23
32	**4.5**	**p262: 7,10,11,12,15,16,18**
33	**4.5**	**p262: 20,22,26,30,32**

Review		
Exam 3	**Tuesday, November 18ᵗʰ**	**Lessons 32, 33, and 34** are not programmed in SAGE. Do these on paper and bring them to class with your
34	**4.5**	**p262: 37,40,43,45,46,47,48**
35	11.1	p734: 3,5,6,9,12,13,14
36	11.1	p734: 15,16,19,20,23,24,26,27,29

37	11.2	p746: 2,5,8,10,12,13,15,16,17,18
38	11.2	p746: 19,21,23,25,26,29,30,31,32,47,48,49,50

39	11.3	p758: 1,3,6,8,11,12,14,16,17,20
40	11.3	p758: 22,23,26,27,29,31,34,35,36,40,41,43,44,59

Review for Final Exam

Final Exam   Tuesday, December 16ᵗʰ

The course page is located at: **www.math.purdue.edu/MA154X**

At the course web page you will find links to this assignment sheet, the ground rules for the course, instructor information, SAGE (the online homework system), and the semester schedule.