MA 15300 Assignment Sheet Summer 2011

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

**Calculators are required, and only a one-line, scientific calculator is allowed for quizzes and exams**. Recommended is the TI-30Xa. 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.

Lessons Sections Assignments (front and back)

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, 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 94, 99, 102

4 1.4 p47: 4, 5, 10, 13, 17, 20, 22, 26, 33, 34, 37, 41, 43, 46, 49, 50, 55

5 2.1 p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 59, 61, 70, 74

6 2.2 p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21

7 2.2-3 p71: 25, 26, 27, 29, 31, 32, 33; p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28

**June 22 In –class review for Exam 1**

**June 23 Exam 1 (during class)**

8 2.3 p84: 35, 36, 39, 52, 54, 57, 58, 59, 60, 63, 64, 65, 66, 70, 71, 73

9 2.4 p93: 4, 5, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53

10 2.5 p100: 3, 4, 13, 19, 24, 25, 35, 38, 52, 58, 66

11 2.6 p109: 2, 3, 4, 7, 8, 14, 17, 22, 29, 47, 49, 51, 54, 55, 57, 63, 75, 77, 78, 83

12 3.1 p128: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29

13 3.2 p138: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 61, 63, 70

14 3.3 p151: 2, 14, 15, 19, 22, 24, 27, 29, 32, 33, 36, 38, 39, 43, 45, 49, 57, 58, 62, 66

15 3.4 p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29

16 3.4 p168: 40, 41, 45, 47, 49, 54, 65, 67, 68, 71, 73, 76

**July 8 In-class review for Exam 2**

**July 11 Exam 2 (during class)**

17 3.5 p181: 4, 6, 10, 13, 14, 16, 23, 27, 29, 31, 32, 33, 35, 38, 39,

 42 *abcdefghij,*

18 3.5 p182: 43, 46, 63 *abcdef*, 64 *abcdef* , 47, 50, 52, 65, 66, 67, 68

19 3.6 p192: 7, 10, 14, 16, 21, 24, 26, 29, 32, 33, 41, 45, 46, 47, 51

20 3.7, 4.6 p203: 1, 2, 10, 13, 15, 18, 35, 37, 45, 47, 49; p270: 3, 8, 12, 14, 15, 16, 17, 24; p274: 49

21 2.7 p117: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45

22 4.1 p219: 2, 13, 17, 20, 21, 22, 29, 35, 41

23 9.1 p570: 2, 4, 7, 13, 18, 20, 25, 41, 42

24 9.2 p579: 2, 5, 10, 16, 17, 18, 19, 23, 26, 31, 33, 34, 36

**July 22 In-class review for Exam 3**

**July 25 Exam 3 (during class)**

25 5.1 p285: 3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46

26 5.2-3 p296: 2, 7, 11, 17, 29, 41, 42, 46; p306: 1, 2, 5, 8, 13, 15

27 5.4 p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28, 35 *abcdefgi*, 45, 47, 48, 51, 57, 63, 64, 66

28 5.5 p328: 1, 4, 6, 7, 10, 11, 13, 14, 15, 18, 22, 25, 27, 31, 43, 46, 53

29 5.6 p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56

**August 2 Review for final exam**

**Final exam either on August 3rd , 4th , or 5th – Date, time, and location to be announced**

**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 the even answers to homework problems (odd answers are in the back of the textbook), old exams/answers, etc.**