MATH 590 Assignments. Summer 2011.

HOMEWORK POLICY.

1. Please use your KU e-mail address for your course-related correspondences with me.

2. Write your name, assignment number, date and the class section (10:20) in capital letters clearly on top of the first page. Do not include your student ID.

3. Staple your homework papers for each due date, otherwise it will not be graded.

4. No late homework will be accepted. To avoid dealing with this issue on individual bases, I will drop 3 missed assignments or lowest grades for all automatically.

5. If you are missing a due date, you may have someone to turn in your homework on your behalf.

6. Assignments must be turned in on the due date in class in hard copy. Please do not put your assignments in my mailbox and do not send them by e-mail.

7. Make a copy of your assignments before you turn them in. Also, if you are missing a class, ask a friend to pick up your graded homework for you.

8. I may assign Extra Credit problems up to 5 points - in the form of quiz, attendance, or challenging problems - towards your final grade.

9. From each assignment 2 problems will be graded randomly. Each problem has 5 points:
   1 point for stating the problem at the beginning.
   2 points for correct reasoning leading to a correct solution.
   2 points for clarity and neatness.

10. My grading philosophy. I am much more interested in your thinking, explanations, and the logical flow of your work than your numerical correctness. Your job on a homework is more about expressing your methodology clearly. If the grader has trouble understanding what you are doing, you will not receive full credit.

11. You are permitted, even encouraged, to work together on homework.

12. Please do not come in the classroom more than 5 minutes late without my permission. If you have a valid reason to be late, please enter from the back door without disrupting the class.
ASSIGNMENTS.

1. For the first assignment (Review of MATH 290) [click here]

Due Wednesday, June 8th.

2. Section 1.1, Page 06, Problems 2a,3a,6.
   EC1: Problem 7 (must use only vector equations)
Section 1.2, Page 12, Problems 1,7,9,11,13,17.
   EC2: Problem 21

Due Monday, June 13th.

3. Section 1.3, Page 19, Problems 1,5,8,11,18,20
   EC3: Problem 19
Section 1.4, Page 32, Problems 1,3a,4a,5g,6,10,11,13.
   EC4: Problem 14

Due Wednesday, June 15th.

4. Section 1.5, Page 40, Problems 1,2ac,7,9,13b,19.
   EC5: Problem 20
Section 1.6, Page 53, Problems 1,2a,3a,12,13,15, 30.
   EC6: Problem 26 (use the Taylor expansion at a)

Due Wednesday, June 22nd.

5. Section 2.1, Page 74, Problems 1,3,4,5,6,9,10,11,12,15,16,18.
   EC7: Problem 14
Section 2.2, Page 84, Problems 1,2bc,3,4,5.

Due Wednesday, July 6th.

6. Section 2.3, Page 96, Problems 1,3,4.
   EC8: Problem 9
Section 2.4, Page 106, Problems 1,2,3,4,6,14.

Due Monday, July 11th.

7. Section 2.5, Page 116, Problems 1,2d,3c,4,6a,10.
   EC9: Problem 7a
Section 3.1, Page 151, Problems 1,2,5.

Due Thursday, July 14.
8. Section 3.2, Page 165, Problems 1,2ac,3,4a,5ac,6ac,7,8.
   Section 3.3, Page 179, Problems 1,2ace,3ace,4a,5,6,9.
   **Due Wednesday, July 20th.**

9. Section 4.1, Page 207, Problems 1abcd,3a,4a,5,6,7,8,9,10a.
   Section 4.2, Page 220, Problems 1,2,3,4,7,25,26,27.
   **Due Friday, July 22nd.**

10. Section 4.3, Page 220, Problems 1a-e,10,12,15.
    Section 5.1, Page 256, Problems 1,2ab,3ac,4a,9,14.
    **Due Tuesday, July 26th.**

11. Section 5.2, Page 279, Problems 1a-g,2abc,7.
    Section 5.4, Page 321, Problems 1,2,3,4,5,6,7.
    Section 7.1, Page 494, Problems 2ac,3a,4.
    **Due Thursday, July 28th.**

12. Section 6.1, Page 336, Problems 1,4,8,10,12.
    Section 6.2, Page 352, Problems 2a,4,11,19c.
    **Optional.**