MATH 415 - SPRING 2012.

EXAM DATES.

   Review Session, Friday, Feb. 17.

2. Exam II, Friday, March 30.
   Review Session, Wednesday, March 28.

3. Exam III (Final Exam): 1:30-4:30 PM, Tuesday, May 8.
   Review Session, Wednesday, May 2.

Make-up Exam Policy: Make-up exams are only given for exceptional circumstances. To be eligible for a make-up exam, you must present an acceptable and documented excuse such as class conflict or doctor’s note clearly indicating that you could not take the test on the scheduled date.

TUTORING ROOM
[Click here] for a variety of tutoring services available to math students.

TEACHING ASSISTANT
Name: Mi Young Jang
Office: Coble Hall (Basement Level, look for a sign or name tag)
Hours: Tuesdays 4:30-6:00 PM and Thursdays 2:30-4:00 PM

HOMEWORK POLICY

1. Use your University e-mail address for your course-related correspondences with me. Please do not send me emails for questions concerning your HW and Exam grades, see me during my office hours. I will post your grades on COMPASS.

2. Write your name, assignment number, date and the class section 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. Assignments must be turned in on the due date in class in hard copy. Do not put your assignments in my mailbox and do not send them by e-mail. Please do not leave your assignment on the desk in classroom.
6. If you are missing a due date, you may have someone to turn in your homework on your behalf.

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. Unclaimed assignments will not be saved.

8. I may assign Extra Credit up to 5 points - in the form of quiz, attendance, or additional problems - towards your final grade. (The sum of your EC points will be normalized out of 5 and will be added to your total points. Thus, maximum grade is 105)

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.

TIPS ON BEING SUCCESSFUL IN THIS COURSE

1. Come to class awake and in a good mood! Having some sense of humor helps!

2. Read the textbook before class to have an idea about what is coming.

3. Ask questions in class. Be involved and enthusiastic about learning!

4. Do the homework assignments ASAP after each lecture. Do not postpone them to the night before the due date.

5. Spend some time (at least one to two hours) soon after class on reading the class notes and digesting the ideas and methods covered in the lecture.

6. Find friends in class and talk to them about the concepts and ideas covered in class and discuss the homework problems with them.

7. Do additional problems similar to the homework assignments. Read other textbooks for this course.
8. Do not miss many classes! Do not overlook the content of missed lectures. In a math course, future lectures heavily rely on the materials covered in the past lectures.

9. Do the review problems before the exams.

10. Give me feedback about the class.

ASSIGNMENTS (tentative)

1. Section 1.1, Page 5, Problems 7,11,15,17,22,27,29,31,43
   Section 1.2, Page 18, Problems 1,3,5,8,19,33,35,36
   Due Wednesday, Jan. 25
   Problems graded: Section 1.1, #22, Section 1.2, #8

2. Section 1.3, Page 33, Problems 1,6,17,19,23,27,28,29
   Section 1.3, Page 35, Problems 30,36,37,55
   Due Wednesday, Feb 1
   Problems graded: Section 1.3, #23, 36

3. Section 2.1, Page 50, Problems 5,6,8,35,40,41
   Section 2.2, Page 65, Problems 12,19,26,27
   Section 2.3, Page 77, Problems 12,13,17,36,43–48
   Due Wednesday, Feb 8
   Problems graded: Section 2.1, #8, Section 2.2, #26

4. Section 2.4, Page 88, Problems 5,29,59,67–73
   Section 3.1, Page 110, Problems 7,9,16,19,23
   Due Wednesday, Feb 15
   Problems graded: Section 2.4, #59, Section 3.1, #16

**Exam 1:** Monday, Feb 20, In-Class (Up to Section 3.1)
**Review Session:** Friday, Feb 17, In-Class
For review problems click here
For solutions of the Exam 1 problems click here
Grades are posted on Compass.

5. Section 3.2, Page 121, Problems 1,2,17,19,26,33
   Due Wednesday, Feb 22
   Problems graded: Section 3.2, #17, #19.
   Section 3.4, Page 147, Problems 7,27,35,53,69
   Due Friday, March 2
   Problems graded: Section 3.3, #36, Section 3.4, #7

7. Section 4.1, Page 163, Problems 1,2,20,21,23,29.
   Section 4.2, Page 170, Problems 1,3,9,19,25,53
   Due Monday, March 12
   Problems graded: Section 4.1, #20, Section 4.2, #25

8. Section 4.3, Page 181, Problems 3,5,6,21,41,49,57
   Section 5.1, Page 199, Problems 5,15,17,27,29
   Due Monday, March 26
   Problems graded: Section 4.3, #6, Section 5.1, #17

   **Exam 2:** Friday, March 30, In-Class (Up to Section 5.1)
   **Review Session:** Wednesday, March 28, In-Class
   For review problems click here
   For solutions of the Exam 2 problems click here
   Grades will be posted on Compass.

9. Section 5.2, Page 209, Problems 7,21,29,32,33
   Section 5.3, Page 218, 3,5,10,20,21,36,37
   Due Monday, April 9
   Problems graded: Section 5.2, #7, Section 5.3, #20

10. Section 6.1, Page 259, Problems 5,7,9,15,21,25,29,39
    Section 6.2, Page 273, Problems 1,5,11,13,15,30
    Due Monday, April 16
    Problems graded: Section 6.1, #29, Section 6.2, #30

    Section 7.1, Page 305, Problems 1,3,5,9,15,34
    Section 7.2, Page 317, Problems 9,15,17,38,45
    Due Monday, April 23
    Problems graded: Section 6.3, #25, Section 7.1, #34, Section 7.2, #38
    It will be graded out of 15 points.
12. Section 7.3, Page 327, Problems 12,17,21,35
   Section 7.4, Page 340, Problems 13,19,26,27,39,49
   Section 7.5, Page 353, Problems 11,25,47,49
   Due Monday, April 30
   Problems graded:
   Section 7.3, #21  Section 7.4, #26  Section 7.5, #47
   It will be graded out of 15 points.

13. Section 8.1, Page 373, Problems 5,9
   Section 8.3, Page 393, Problems 11,13
   Section 9.1, Page 407, Problems 29,30,31
   Due Wednesday, May 2
   Problems graded:
   Section 8.1, #9  Section 8.3, #13
   It will be graded out of 10 points.

**Exam 3 (Final Exam):**
1:30-4:30 PM, Tuesday, May 8
In our usual classroom, Altgeld 245
Up to Section 9.1
**Review Session:** Wednesday, May 2, In-Class
For review problems click here
For solutions of the Exam 3 problems click here
Grades will be posted on Compass.