Math 220 **Final Exam Information**

- **Where/When is the final exam?** The final exam is scheduled as:

Section	Date	Time	Place
903	W 12/16/2015	10:30 am-12:30 pm	BLOC 148
904	M 12/14/2015	10:30 am-12:30 pm	BLOC 148
970	T 12/15/2015	08:00 am-10:00 am	BLOC 148

- You do not need a scantron for this exam.

- Things to bring to the test: pencil and eraser.

- Exam ingredients: 50% the material of two midterms and 50% the new material (i.e. Chapter 4 and Section 5.5) approximately.

- The exam is cumulative, so review all the material (notes, homework, quizzes, midterm exams, sample exams) focusing on the following:

Old material:

- Negations.
- Interval notation.
- Prove/disprove $A \subseteq B$.
- Image of function and Inverse Image.
- Composition of two functions and its properties (including proofs)
- Euclidean algorithm and its applications.
- First Principle of Mathematical Induction.
- Section 5.4 (all proofs and examples)

New Material

- It is `advised` that you read over the Lecture Notes and Homework 11-13. For topics you are struggling with, rework the associated homework problems.

- In addition, I expect that you know

  - all definitions from the sections 4.1-4.2, 5.5 (there are about 12 definitions in total).
  - the following proofs from the lecture notes: Chapter 4 (Propositions 10&11 , Theorems 28&29), Section 5.5 (Proposition 2, Theorem 15).

Due to privacy issues, I cannot discuss grades over email or phone. Thus I will not reply to any e-mails asking about exam scores. If you would like to look your final exam, I can meet with you at the start of the Summer or Fall semester. For this send me an e-mail requesting an appointment and I would be happy to meet with you then.