Math 220   **Final Exam Information**

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

Section	Date	Time	Place
901	M 12/15/2014	8:00am-10:00am	BLOC 121
904	M 12/15/2014	10:30am-12:30pm	BLOC 148
905	T 12/16/2014	3:30pm-5:30pm	BLOC 148

- You do not need a scantron for this exam.

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

- **Office Hours** during dead week: Wednesday, 12/10, 2:40pm-3:40pm, Thursday 12/11, 8:40am-9:40am.

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

- The exam is cumulative, so review all the material (notes, homework, midterm exams, old midterm 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 (proof of Propositions 39,41)
  - Euclidean algorithm
  - Mathematical Induction
  - Section 5.4 (all proofs and examples)

  New Material

- It is `advised` that you read over the Lecture Notes and Homework 10-12. 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 12&13 , Theorems 31&32), 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 Spring semester. For this send me an e-mail requesting an appointment and I would be happy to meet with you then.