Introduction to Discrete Mathematics 3450:208 Summer 2008

3450:208-320 MTWThF 9:45am–11:00am Olin 125B

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Office Hours: MTWTh 11:00am–11:50am

Course Outline

- Chapter 1: The Logic of Compound Statements
- Chapter 2: The Logic of Quantified Statements
- Test #1
- Chapter 3: Elementary Number Theory and Methods of Proof
- Chapter 4: Sequences and Mathematical Induction
- Test #2
- Chapter 5: Set Theory
- Chapter 6: Counting and Probability
- Test #3
- Chapter 7: Functions
- Chapter 8: Recursion
- Chapter 10: Relations
- Chapter 11: Graphs and Trees
- Test #4

Policy

1. Any student who is not on the first week class list will not be allowed to participate in the class in any way, including attending, or having any work graded.

2. Inappropriate behaviour in the classroom may be grounds for academic discipline, up to, and including dismissal from the course. In particular, disruption of the class by cell phones or pagers will not be tolerated.
3. Incompletes will only be given in *documentable* cases of long-term illness, or similar problems. In addition, at least half of the semester’s work must have been completed, with *at least* an average grade of C. College policy also states that a student may not sit in on the course the next semester to make up the incomplete, but *only* to make up the missed work.

4. Attendance is required by University policy.

5. The University withdrawal policy is in effect. That is, you may withdraw up to June 27th.

6. Homework will be assigned for most sections, and collected periodically, with selected problems graded. In general, the homework will be due the class period after a topic is completed. In addition, there may be separate homework problems given, and a possibility of quizzes.

**Late homework will be accepted at my discretion.**

7. The final scale will be *no higher* than A : 90+ average, B : 80-89 average, C : 70-79 average, D : 60-69 average. Plus and minus grades will be used at my discretion. The averages will be based on 4 tests @ 100 points each, and the homework/quiz average @ 100 points.

8. If you are going to miss a test (which will be announced approximately one week in advance), you must have a valid, documentable excuse *and* notify me *in advance*, or as soon as reasonable afterward. The make-up will be as soon as possible, generally within a week of the original test date.