

COURSE DESCRIPTION - SPRING 2012

MATH 213 BASIC DISCRETE MATHEMATICS

9:00-9:50 MWF, 140 Henry Blg.

Instructor: Bernard Lidický, 222 Illini Hall, 244-5468, lidicky@illinois.edu

Web page: <http://www.math.uiuc.edu/~lidicky/213/>

Office hours: 11:00 - 12:00 AM MWF

Final Exam: 8:00-11:00 AM, Monday, May 7 2012

The aim of this course is to give an introduction to discrete mathematics. In particular, the course will cover sets, algorithms, induction, counting, discrete probability, relations and graphs. We will follow the textbook.

PREREQUISITES: MATH 220 or MATH 221; or equivalent

TEXT: **Kenneth H. Rosen: Discrete Mathematics and Its Applications, 7th Edition, McGraw-Hill**

REQUIREMENTS: There will be roughly weekly homework assignments and quizzes, three exams during semester and a final exam. If you miss an exam and present an absence letter from the Emergency Dean, then your grade on the Final exam will replace the score on the missed exam.

GRADING:

Homework: 25%

Quizzes: 5%

Three exams 45% (so 15% each)

Final 25%

Grades thresholds are 80% for A-, 70% for B-, 60% for C- and 50% for D-. Below 50% is F.