

Illinois Institute of Technology
Department of Computer Science

Reading Assignments

CS 330 Discrete Structures
Fall Semester, 2009

All reading assignments are from the text, *Discrete Mathematics and Its Applications* by Kenneth H. Rosen, 6th edition, McGraw-Hill, 2006.

You should have done the reading *before* the day in which that subject is covered. These reading assignments are very important for understanding the lectures and homework.

Lecture notes will be made available after each lecture.

1. August 26—Mathematical Reasoning: Chapters 1–4
2. September 2—Counting: Chapter 5
3. September 30—Probability: Chapter 6
4. October 21—Recurrences: Chapter 7
5. November 2—Divide and Conquer: Section 7.2
6. November 9—Greedy algorithms: Pages 174–176, 275–276
7. November 11—Graphs: Chapters 9–10
8. November 23—Finite-State Machines: Chapter 12

The dates will be adjusted if the class goes more quickly or more slowly than anticipated.