

CSE 254 Introduction to Discrete Systems – Fall 2007

<http://www.cse.uconn.edu/~rajasek/cse254f07.htm>

Instructor: Sanguthevar Rajasekaran (RAJ, equivalently)

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Text: Discrete Mathematics and Its Applications, by Kenneth H. Rosen, Sixth Edition, McGraw Hill 2007.

Grading Policy: Four to five assignments worth a total of 20 points; Three (closed book) exams worth a total of 80 points

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Topics to be covered:

- Logic and Proofs (Chapter 1)
- Basic Structures (Chapter 2)
- Introduction to Algorithms (Chapter 3)
- Induction and Recursion (Chapter 4)
- Counting Techniques (Chapters 5 and 7)
- Probability (Chapter 6)
- Relations (Chapter 8)
- Trees and Graphs (Chapters 9 and 10)
- Advanced Topics (Chapters 11 and 12)