

Math 1310 Spring Term (04-2)

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Grading: Quizzes (Wednesdays, starting 1-21-04) 20 %
Exam 1 (Wednesday Feb. 11, 2004) 20 %
Exam 2 (Wednesday Mar. 24, 2004) 20 %
Final (10:00-11:50 AM, Sat. Apr. 24, 2004) 40 % +

Policy: No Make-Up Quizzes or Exams

Text: Graphs and Applications: An Introductory Approach by
Joan M. Aldous & Robin J. Wilson, ISBN 1-85233-259-X

Outline:

- Chapter 1 Introduction
- Chapter 2 Graphs
- Chapter 3 Eulerian and Hamiltonian Graphs
- Chapter 4 Digraphs
- Chapter 5 Matrix Representations
- Chapter 6 Tree Structures
- Chapter 7 Counting Trees
- Chapter 8 Greedy Algorithms
- Chapter 9 Path Algorithms

(If time permits, then we will cover parts of Chapters 10, 11, 12, 13, and 14.)