Study Guide for Test 2 Spring 2005

Topics Covered:

- Trees
  - General Binary trees
  - BST
  - AVL
  - DSW
  - Splay
- All things tree related, e.g.
  - traversals
  - writing recursive functions
- Algorithm Analysis
  - Big O, Θ, Ω
  - How do you perform an exact count analysis?
- Heaps and Priority Queues
  - General implementation stuff
  - How to make an array into a heap
- This is neither exhaustive nor intended to exclude any section that has been covered. The notes and the lecture material represent what was important and the test could come from any topic discussed in class.