Lecture Outline (CS 303, Dong Xu, 4/23/04)

• Things to start…
  – Questions?
  – Final exam

• Elements of dynamic programming
  – Optimal substructure
  – Overlapping sub-problems
  – Reconstructing an optimal solution
  – Memorization
• Reading
  – Chapter 15.3

• Homework
  – Ex. 15.3-1, 15.3-2, 15.3-3, 15.3-4, 15.3-5