EEC 70
Fall Quarter, 2001
Final Exam Check List

Please review the following items before the final exam:

- Assembly Language:
  - Instruction Set (WinDLX book)
    - Load / Store instructions
    - Logical and Arithmetic operations
    - Branch instructions
  - Addressing modes (Lecture Notes)
- Computer Organization:
  - Understand basic structure of a CPU
  - Understand how each stage of each type of instruction work (see lecture notes)
  - Understand the basics about pipelining:
    - Why do we need a pipeline?
    - How does it work?
    - Types of hazards:
      - Branch
      - Structural
    - How to resolve hazards