Topics for today:
- Systems Analysis and Design
- Requirements Specifications

Announcements
- Your progress
- Upcoming Reading Assignments
  - Thursday - 5/4/00 - N&L 3 (optionally 8.4.2)
  - Tuesday - 5/9/00 - N&L 8
- Teaching Effectiveness Program visitors
  - Georgeanne Cooper
  - Videotaping Thursday

Models in Rumbaugh’s OMT
+ Object model
  - Describes what changes—the static structure of the objects and their relationships.
  - Contains object diagrams, graphs in which nodes are classes and arcs are relationships among classes.
  - Analogous to Entity Relationship Diagrams

+ Dynamic model
  - Describes when it changes—the aspects that change over time, the control specifications.
  - Contains state diagrams, graphs in which nodes are states and arcs are transitions between states caused by events.

+ Functional model
  - Describes how it changes—the data value transformations within a system.
  - Contains data flow diagrams, graphs in which nodes are processes and arcs are data flows. A data flow diagram represents a computation.

Remaining Topics for Today
+ Hierarchical Task Models
  - For prediction and design
- Interaction State Transition Network versus OMT Dynamic Model
- Examples of UI Specifications
- Requirements Specifications for Palm Pilot purchase