

## Outline for April 23, 2008

*Reading: Text, §4.4*

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1. Greetings and felicitations!
  2. Kinds of process schedulers
    - a. Long-term scheduler
    - b. Short-term scheduler
    - c. Medium-term scheduler
  3. Scheduling considerations and overview
    - a. Metrics: throughput, turnaround, response, resource use, waiting time, consistency
    - b. Distinguishing characteristics of processes such as priority, anticipated resource need (including running time), running time, resources used so far, interactive/non-interactive, frequency of I/O requests, time spent waiting for service
  4. Scheduling Algorithms
    - a. First Come, First Served (FCFS)
    - b. Shortest Job Next (SJN), Shortest Job First (SJF), Shortest Process Next (SPN)
- to be continued*