CSC 468F/2204F Lecture Overviews
Fall 1997

Week 5

Scheduling material, from Chapter 7

- multiprogramming
- scheduling policy vs. scheduling mechanism
    - enqueuer, dispatcher, context switcher

- voluntary vs. involuntary CPU sharing
- scheduling in various types of systems
- some performance measures
- preemptive vs. non-preemptive scheduling

- non-preemptive
    - FCFS
    - SJN
    - priority
    - deadline
- preemptive
    - round-robin
    - multiple level queues

- 4.4 BSD process scheduling
    - multi-level feedback queues
    - choice of quantum size
    - calculation of process priority
    - process run queues and context switching