CSC 468F/2204F Lecture Overviews
Fall 1997

Week 3

High-level synchronization material, from Chapter 9

- AND synchronization
    - possibility of deadlock
- events

- monitors
- condition variables
    - wait, signal, and queue (or empty in OOT)
- semantics
    - Hoare vs. Brinch Hansen
- OOT syntax

Introductory Deadlock material, from Chapter 10

- deadly embrace
- 3 strategies
    - prevention
    - avoidance
    - detection and recovery

- prevention: 4 conditions
    - mutual exclusion
    - hold and wait
    - circular waiting
    - no preemption