Outline of 9/24 and 9/26 Lectures
Prepared by Patrick Wendell

CPU Scheduling
- Key question - how to schedule threads in the ready queue?
- Definitions: Wait time, service time, response time, throughput
- Simple scheduling strategies
  - First come first served (FCFS)
  - Round robin (RR)
  - FCFS vs RR and effect of time quanta
- Omniscient scheduling strategies
  - Shortest job first (SJF)
  - Shortest remaining time first (SRTF)
- Approximating omniscient strategies
  - Predicting length of CPU bursts
  - Multi level feedback scheduling
- Lottery scheduling

Address Translation
- Simple techniques for sharing memory
  - Uni-programming (don’t share)
  - Address re-writing in linker (w and w/o protection)
- Segmentation (implementation + pros/cons)
- Paging
  - Simple page table
  - Multi level page table
  - Inverted page table