CSC501
Operating Systems Principles

Midterm Review

Midterm Format

- Midterm date: 2/27
  - In class, 11:45-1pm, 75 minutes
- Closed-book
  - No books, notes, electronic devices on desk
  - Try to leave empty seat between neighboring students
- True or False questions
- Short Answer questions
  - Two to four sentences
- Long Answer questions
  - Problem solving

Topic

- Lecture 0
  - Introduction to OS
  - Design Principles
- Lecture 1
  - Computer Architecture
  - OS Structures
- Lecture 2
  - Process vs. Thread
- Lecture 3
  - Process Lifecycle
  - Context Switching

- Lecture 4
  - Process Scheduling
  - Priority Inversion
- Lecture 5
  - Proc. Synchronization
  - Semaphore
- Lecture 6
  - Deadlock

Reminder

- Be prepared to explain or compare
  - Concept A vs. B (pros/cons)
- Review Programming Assignments!