CS 492 Operating Systems

Text Books
Modern Operating Systems, Andrew S. Tanenbaum, 4th Edition (3rd is ok too)

Week-by-Week Schedule (ideally, but it depends on your speed!)

Week	Topics Covered	Reading	Assignments
1	Introduction & Outline		
2	Processes	Ch. 2	
3	Threads & Inter Process Comm.	Ch. 2	**Asgn1:** Processes
4	Inter Process Comm. II	Ch. 2	**hw1**: Threads/IPC/Scheduling
5	Scheduling	Ch. 2	**Lab assignment**
6	Scheduling II	Ch. 2	
7	Deadlocks	Ch. 6	**Asgn2:** Deadlocks
8	Virtual Memory + Midterm Overview		**Midterm**
9	Virtual Memory II	Ch. 3	**hw2:** Virtual Memory
10	Virtual Memory & File Systems	Ch. 4	
11	File Systems	Ch. 4	**hw3**: File Systems
12	IO & Disks	Ch. 5	
13	Disks	Ch. 5	
14	Overview/ Presentations		**Extra Credit Projects**

Grading Policies

- Late assignment (even by 2 seconds) will be given a -25% decrease penalty per day, for the first 2 days after the deadline. So, if you send an assignment 1 second late, you will receive 75% of your grade for the assignment. If you send it, 25 hours late, you will receive 50% of your grade for the assignment etc. After 48hrs from the deadline there will be a -90% decrease penalty, so you will receive 10% of your grade.
- Quizzes may be given at any point in time without previous warning. These will be attendance quizzes, so if you are in class, and you submit a quiz, you get the points.
- Some coding exercises will be done in class. You will be warned before that happens in order to bring your laptops
- Students whose average percentage of all grades besides final is at least 90%, will have an option of opting out the final exam.

- Approximate weight of each graded work is:
  - Attendance quizzes 5%,
  - Lab Assignment 5%,
  - Individual Assignments 10%
  - Team Programming Assignments 30%,
  - Midterm 25%,
  - Final 25%,
  - (EXTRA CREDIT): Extra Credit Projects: 5%
- The weekly schedule may change slightly during the semester and the grading policies may change slightly at the end of the semester. (you will be warned when/if that happens)
- Individual assignments, as the word indicate, are to be done INDIVIDUALLY. Any sign of collaboration will result in a 0 and being reported to the Honor Board. Programming assignments might be tested for similarity using the MOSS, or similar software, and any sign of collaboration will be reported to the HONOR board.
- Any complaint regarding a grade must be presented no later than **7 weekdays** following the publication of grades of respective assignments and midterm exam.

Communication

- Office hours: Wednesday 5-7pm and by appointment (email). You are more than welcome to come ask me questions, I will always be happy to help.
- CAs office hours will be announced in class.
- Amount of help provided will be directly proportional to the amount of time left to the due time. If you show up the day before, I will not be too helpful. If you show up the day after the assignment is given, I will be extremely helpful.