CSCI 380 Operating Systems

Professor
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Prerequisites
CS370, CS362

Textbooks
Scott Oaks and Henry Wong, Java Threads, O'Reilly Press.

Goals
This course provides an introduction to the design and implementation of operating systems. Topics covered include: types of operating systems, file systems, resource management, concurrent processes, deadlocks, memory management techniques, processor scheduling, disk scheduling, operating system security, and system administration. The student will be exposed to different operating systems on various computer platforms, and will be expected to develop significant operating system programming projects in this area. This course includes a laboratory component.

Grading
- Programming Assignments: 25%
- Midterm Exam: 30%
- Final Exam: 25%
- Class Participation: 5%
- Quizzes: 15%

These percents are approximations only. Percents can change at any time without notice. Each quiz or test may contain a laboratory component. Pop quizzes may take place without prior notice.

Attendance and Class Participation
You are expected to attend class regularly, read the textbook, complete assigned problems, participate in class discussions, and work productively in the laboratory. When you come thru the door of the classroom either during lab or class make sure your phones are shut off and put away. If you use your phone in any way (answer, call, text, etc) you will receive a grade of “F” for the class participation for that day. If there is a quiz or exam during that period you will receive a grade of “F” for that quiz or exam.

Make-up Quizzes/Tests/homework/Programs
There are no make-up quizzes, tests, programs or homework without official MU documented absence. If you miss a quiz or a test or homework you will receive a zero grade for that quiz/test/homework. There are no late programs. Programs must be delivered by the time and date specified for the assignment. Submit what you have for partial credit. If you develop your programs incrementally, you will have something to turn in.