

Operating Systems
CSCI 5806
Spring Semester 2008

Course Syllabus and Objectives

Instructor: Dr. Robert Kramer
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Office Hours: Tuesday 3pm – 5pm
Wednesday 9:30am – 10:30am
Thursday 3pm – 5pm
Also by appointment

Prerequisites

- CSIS 2617 and CSIS 3740

Text

- Operating Systems, 3rd edition, by Deitel, Deitel and Choffnes

Course Objectives

- To explore basic concepts involved in the design of modern operating systems.
- To examine the implementation of these concepts in current operating systems.

Grading

Your overall grade will be determined from four sources:

- Written homework assignments, totaling 30% of your overall grade
- One term project, worth 30% of your overall grade
- One midterm test, worth 15% of your overall grade
- One comprehensive final, worth 25% of your grade

Letter grades will be assigned using the traditional 90%-80%-70%-60% cutoffs. I reserve the right to lower these limits, but not raise them.

Course Policies

Attendance

Attendance is required; with few exceptions, those who do best in courses are those who attend regularly. You will be allowed three unexcused absences; additional missed classes will result in a 5% deduction from your overall grade. Late arrivals and early departures (10 minutes or more) count as an absence.

Late Homework

Assignments are due by the end of the day (11:59pm) on the due date. For each calendar day late, 10% of the assignment's possible score will be deducted.

Academic Honesty

You are expected to do your own work in this course! You are free to give general help to others in the course, but you may not collaborate on assignments, unless specifically permitted in the assignment. Turning in (substantially) identical work will result in a zero grade for that assignment. Subsequent collaboration will result in failure of the course.

Students With Disabilities

If you have a documented disability and require accommodations to obtain equal access in this course, please contact the Office of Equal Opportunity and Disability Services at the beginning of the semester or when an assignment is given for which an accommodation is required. Students with disabilities must verify their eligibility through the Office of Equal Opportunity and Disabilities intake procedure. Call (330) 941-3370 for more information.

General Stuff

- If you have a question in class, please ask!
- Check my web pages for class-related information. I will be posting assignments on the web, as well as other pertinent information.
- Don't wait until the last minute to do assignments!

Tentative Topic List

Topic	# of Weeks
Introduction and Basic Concepts	1.5-2
Process Management	3-4
Memory Management	2-3
Filesystems	2-3
High-Performance Computing	1
Distributed Computing	2
Security	remaining time

Important Dates

- Last day of Add/Drop period: Tuesday, January 22, 2008
- Last day to withdraw with a W: Thursday, March 27, 2008
- Final exam: Tuesday, May 8, 2007, 8am – 10am