Operating Systems (formerly Systems Programming)

Lectures: Tuesdays/Thursdays 4:00-5:15 PM PHY 120

Instructor: Richard Rauscher
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Office Hours: ENB 213 Tuesdays and Thursdays 5:20 - 6:30; other times by appointment

Expected Work:
- Two programming assignments: 15% each
- Two hourly exams: 15% each
- Final exam: 40%
- Four homework assignments: not graded

Text:

Silberschatz, Peterson, and Galvin, *Operating Systems Concepts*, 4th edition

References (optional):

Tannebaum, *Operating Systems*
Bach, *The Design of the Unix Operating System*

Syllabus

Week of…

1/7	Introduction and Historical Context
1/14	Process Management (HW1 assigned)
1/21	Process Management (HW1 reviewed, Prog. Assignment 1 assigned)
1/28	Programming Assignment 1 Discussed
2/4	Process Synchronization/Deadlock
2/11	Deadlock(HW2 assigned)
2/18	Storage Management (HW2 reviewed)
2/25	Review (on 2/25); 1st Hourly Exam (on 2/27)
3/4	Storage Management
3/11	Spring Break – No class
3/18	Disk Management
3/25	Networks (HW3 assigned)
4/1	Programming Assignment 2 assigned and discussed (HW3 reviewed)
4/8	Review (on 4/8); 2nd Hourly Exam (on 4/10); (HW4 assigned)
4/15	Current Trends (HW4 reviewed)
4/22	Exam Review
4/29	Final Exam 3:30-5:30pm (tentatively in PHY 120)