

Section 1: Files**Jan 28**

Topic: Introduction to Systems Programming
Reading: Ch. 1
Assignment more03 Due Feb 1
Homework 0 Due Feb 4

Feb 4

Topic: Files, System Files, File Formats, Buffered I/O
Reading: Ch. 2

Feb 11

Topic: Directories, File Info, Bits
Reading: Ch. 3
Homework 1 Due (Feb 15)

Feb 18

Topic: File Systems
Reading: Ch. 4

Section 2: Device I/O**Feb 25**

Topic: Files, Devices, Drivers
Reading: Ch. 5 + 6
Homework 2 Due (Mar 1)

Section 3: Multi-Tasking**Mar 4**

Topic: Writing a video game: curses, timers, polling
Reading: Ch. 7

Mar 11

Topic: Processes: Writing a Shell: fork, exec, wait
Reading: Ch. 8
Homework 3 stty Due (Mar 15)

Mar 18 No Class: Spring Break

Mar 25

Topic: A Programmable Shell, The Environment
Reading: Ch. 9
Homework 4 pong Due (Mar 29)

Section 4: Inter-Process Communication**Apr 1**

Topic: I/O Redirection and Pipes
Reading: Ch. 10

Apr 8

Topic: Network Programming: Sockets, Servers, Clients
Reading: Ch. 11

Section 5: Network Programming**Apr 15**

Topic: Network Programming: A Web Server
Reading: Ch. 12
Homework 5 Due (Apr 19): smallsh

Apr 22

Topic: Network Programming: License Server
Reading: Ch. 13

Apr 29

Topic: Concurrent Programming
Reading: Ch. 14
Homework 6 Due (Sun May 3): network project

May 6

Topic: Review

May 13

Final Exam