

Section 1: Files**Jan 25**

Topic: Introduction to
Systems Programming
Reading: Ch. 1
Assignment more03 Due Jan
29
Homework 0 Due Feb 1

Feb 1

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

Feb 8

Topic: Directories, File Info,
Bits
Reading: Ch. 3
Homework 1 Due (Feb 12)

Feb 15

Topic: File Systems
Reading: Ch. 4

Section 2: Device I/O**Feb 22**

Topic: Files, Devices, Drivers
Reading: Ch. 5 + 6
Homework 2 Due (Feb 26)

Section 3: Multi-Tasking**Mar 1**

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

Mar 8

Topic: Processes: Writing a
Shell: fork, exec, wait
Reading: Ch. 8
Homework 3 pstty Due (Mar
12)

Mar 15 No Class: Spring
Break

Mar 22

Topic: A Programmable Shell,
The Environment
Reading: Ch. 9
Homework 4 pong Due (Mar
26)

**Section 4: Inter-Process
Communication****Mar 29**

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

Apr 5

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

Section 5: Network Programming**Apr 12**

Topic: Network Programming:
A Web Server
Reading: Ch. 12
Homework 5 Due (Apr 16):
smallsh

Apr 19

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

Apr 26

Topic: Concurrent
Programming
Reading: Ch. 14
Homework 6 Due (Sun Apr 30):
network project

May 3

Topic: Review

May 10

Final Exam