

Note 1: Because the college response to COVID-19 has shifted several times, the schedule as it stands may be more variable than would be expected in a normal semester. I will do my best to inform the class of changes in schedule or teaching method by e-mail.

Note 2: Students often take CS253 and CS211 at the same time, which is fully supported. The schedule below emphasizes C once students taking CS211 have had some time to learn the basics of C++. To begin working in the right direction, we'll add in a little bit of C each week starting at the beginning, so that everyone is ready when the class re-focuses on C after exam 1.

CS253 Systems Programming Spring 2021 Calendar		
Week	Course Content	Relevant Chapters
Jan 18	Introduction to Linux, file tree, terminals, SSH	1-3
Jan 25	Input redirection, pipes, more command line usage	4-6
Feb 1	Permissions, more advanced shell usage	7-9
Feb 8	Variables Processes and process management, OS structure	10 and 11
Feb 15	President's Day Monday, Package Management, Installing Programs, Software Development	14 and 22
Feb 22	Networking	16
Mar 1	Finding things, archiving, backups	17, 18
Mar 8	Regular Expressions and Text Processing	19, 20
Mar 15	Exam 1 and Answers	
Mar 22	C Memory Management	TBD
Mar 29	Fork/exec process management	TBD
Apr 5	Pipes and File Descriptors, Signals	TBD
Apr 12	Remaining C programming topics	TBD
Apr 19	Exam 2 and answers	TBD
Apr 26	Spring Break! No class all week	
May 3	No regular lecture, week is dedicated to finishing projects	
May 10	Final Project Due Thursday, May 14, at 9:00 AM	