

Note: 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 the midterm.

CS253 Systems Programming Spring 2022 Calendar		
Week	Course Content	Relevant Chapters
Jan 17	Introduction to Linux, file tree, terminals, SSH	1-3
Jan 24	Input redirection, pipes, more command line usage	4-6
Jan 31	Permissions, more advanced shell usage	7-9
Feb 7	Variables Processes and process management, OS structure	10 and 11
Feb 14	Package Management, Installing Programs, Software Development	14 and 22
Feb 21	Networking	16
Feb 28	Finding things, archiving, backups	17, 18
Mar 7	Regular Expressions and Text Processing	19, 20
Mar 14	Midterm Exam and Answers	
Mar 21	C Memory Management	TBD
Mar 28	Spring Break! No class all week	
Apr 4	Fork/exec process management	TBD
Apr 11	More on C ASCII Strings	TBD
Apr 18	Pipes and File Descriptors, Signals	TBD
Apr 25	Remaining C programming topics	TBD
May 2	Topics of Interest or Review	
May 9	Final Exam Thursday, May 12, at 9:00 AM	