CS 50 - Spring 2022 Schedule

Week	*	Date	Topics	Labs	Start date	Due	# of Days
1		Unix shell and commands					
	1	Mon, Mar 28, 2022	Getting started				
	2	Tue, Mar 29, 2022	Linux shell and commands	1: Shell	29-Mar	3-Apr	6 days
	3	Wed, Mar 30, 2022	Linux shell and commands (continued)				
	4	Fri, Apr 1, 2022	Shell programming				
2		Introduction to C					
	5	Mon, Apr 4, 2022	C programing 1	2: C	4-Apr	12-Apr	9 days
	6	Tue, Apr 5, 2022	C programming 2				
	7	Wed, Apr 6, 2022	C programming 3				
	8	Fri, Apr 8, 2022	C programming 4				
3		Pointers, memory, and data structures					
	9	Mon, Apr 11, 2022	Pointers, memory, and scope				
	10	Tue, Apr 12, 2022	Pointers, strings, and linked lists				
	11	Wed, Apr 13, 2022	Modular data structures	3: C modules	13-Apr	21-Apr	9 days
	12	Fri, Apr 15, 2022	make and Makefiles				
4		Debugging; Git					
	13	Mon, Apr 18, 2022	*guest lecture: git*				
	14	Tue, Apr 19, 2022	lab2 review; gdb and valgrind				
	15	Wed, Apr 20, 2022	gdb and valgrind (continued)				
	16	Fri, Apr 22, 2022	TinySearchEngine: Searching the web; crawler intro	4: Crawler	22-Apr	29-Apr	8 days
5		TinySearchEngine: Crawler					
	17	Mon, Apr 25, 2022	Crawler design; Makefiles				
	*	Tue, Apr 26, 2022	**LAB TIME**				
	18	Wed, Apr 27, 2022	Unit testing				
	*	Fri, Apr 29, 2022	**LAB TIME**				
6		TinySearchEngine: Indexer		5: Indexer	30-Apr	9-May	8 days
	19	Mon, May 2, 2022	TinySearchEngine: Indexer design				
	*	Tue, May 3, 2022	**LAB TIME**				
	20	Wed, May 4, 2022	Code review: cralwer				
	21	Fri, May 6, 2022	Cohesion, coupling, and design				
7		TinySearchEngine: Querier; sockets					
	22	Mon, May 9, 2022	TinySearchEngine: Querier design	6: Query	10-May	18-May	9 days
	*	Tue, May 10, 2022	**LAB TIME**				
	23	Wed, May 11, 2022	Querier design				
	*	Fri, May 13, 2022	**LAB TIME**				
8		Project kickoff					
	24	Mon, May 16, 2022	Introduction to the project; teams				
	*	Tue, May 17, 2022	**LAB TIME**				
	*	Wed, May 18, 2022	**LAB TIME**				
	*	Fri, May 20, 2022	**LAB TIME**				
9		Project design and development					
	*	Mon, May 23, 2022	**LAB TIME**			Des. Doc due	
	*	Tue, May 24, 2022	**LAB TIME**				
	*	Wed, May 25, 2022	**LAB TIME**				
	*	Fri, May 27, 2022	**LAB TIME**				
10		DEMO DAY project recap, lessons learned, discussion					
	*	Wed, Jun 1, 2022	Project demos, class wrap-up.			Full project due on 5/31	