

CS 50 - Fall 2021 Tentative Schedule (Updated: 9/13/2021)

Week	Lecture #	Date	Topics	Labs	Start date	Due	# of Days
1 Unix shell and commands							
	1	Mon, Sep 13, 2021	Getting Started	0: Form		13-Sep	
	2	Tue, Sep 14, 2021	Unix Shell and Commands	1: Shell	14-Sep	20-Sep	7 days
	3	Wed, Sep 15, 2021	Unix Shell and Commands (continued)				
	4	Fri, Sep 17, 2021	Shell Programming				
2 Git and Introduction to C							
	5	Mon, Sep 20, 2021	Intro to Git & Github	2: C programs	20-Sep	27-Sep	8 days
	6	Tue, Sep 21, 2021	C Programming 1				
	7	Wed, Sep 22, 2021	C Programming 2				
	8	Fri, Sep 24, 2021	C Programming 3				
3 Pointers, memory, and data structures							
	9	Mon, Sep 27, 2021	C Programming 4	3: C modules	28-Sep	6-Oct	9 days
	10	Tue, Sep 28, 2021	Pointers, Memory, and Scope				
	11	Wed, Sep 29, 2021	Memory Allocation and Linked Lists				
	12	Fri, Oct 1, 2021	Modular Data Structures				
4 Testing; Design; TinySearchEngine							
	13	Mon, Oct 4, 2021	Makefiles	4: Crawler	7-Oct	15-Oct	9 days
	14	Tue, Oct 5, 2021	lab 2 review;GDB and Valgrind				
	*	Wed, Oct 6, 2021	LAB TIME				
	15	Fri, Oct 8, 2021	TinySearchEngine: Searching the Web; Crawler Intro				
5 TinySearchEngine: Crawler; Design							
	16	Mon, Oct 11, 2021	TinySearchEngine: Crawler Design				
	*	Tue, Oct 12, 2021	Design Methodology; Bugs and Testing				
	17	Wed, Oct 13, 2021	Unit Testing				
	18	Fri, Oct 15, 2021	<i>An Industry Perspective (Guest Speaker)</i>				
6 TinySearchEngine: Indexer							
	19	Mon, Oct 18, 2021	TinySearchEngine: Indexer Design	5: Indexer	16-Oct	23-Oct	8 days
	20	Tue, Oct 19, 2021	More on Makefiles; TSE Indexer				
	21	Wed, Oct 20, 2021	Iterators; Cohesion and Coupling				
	*	Fri, Oct 22, 2021	LAB TIME				
7 TinySearchEngine: Querier							
	22	Mon, Oct 25, 2021	TinySearchEngine: Querier Design	6: Query	24-Oct	1-Nov	9 days
	23	Tue, Oct 26, 2021	Revisiting Git; Git Workflow				
	*	Wed, Oct 27, 2021	LAB TIME				
	*	Fri, Oct 29, 2021	LAB TIME				
8 Project work; Design Reviews							
	*	Mon, Nov 1, 2021	Introduction to Project; Teams				In Class
	*	Tue, Nov 2, 2021	Project Time!				In Class
	*	Wed, Nov 3, 2021	Project Time!				In Class
	*	Fri, Nov 5, 2021	Project Time!			Design.md due	In Class
9 Project work							
	*	Mon, Nov 8, 2021	Project Time!				In Class
	*	Tue, Nov 9, 2021	Project Time!				In Class
	*	Wed, Nov 10, 2021	Project Time!				In Class
	*	Fri, Nov 12, 2021	Project Time!				In Class
10 DEMO DAY project recap, lessons learned, discussion							
	*	Tue, Nov 16, 2021	Final Project Presentation; Class wrap-up			Full project due on Nov. 15	