

CS 50 - Summer 2017 Schedule

Week	Lecture #	Date	Topics	Labs	Start date	Due	# of Days
1 Unix shell and commands							
	1	Fri, Jun 23, 2017	Getting started	0: Form		23-Jun	
	2	Mon, Jun 26, 2017	Linux shell and commands	1: Shell	26-Jun	30-Jun	5 days
	3	Tue, Jun 27, 2017	Linux shell and commands (continued)				
	4	Wed, Jun 28, 2017	Shell programming				
2 Introduction to C							
	5	Fri, Jun 30, 2017	C programming 1	2: C	1-Jul	9-Jul	9 days
	6	Mon, Jul 3, 2017	C programming 2				
	*	Tue, Jul 4, 2017	No class : Independence Day				
	7	Wed, Jul 5, 2017	C programming 3				
3 Pointers, memory, and data structures							
	8	Fri, Jul 7, 2017	Pointers, memory, and scope	3: C modules	10-Jul	18-Jul	9 days
	9	Mon, Jul 10, 2017	Pointers, strings, and linked lists				
	10	Tue, Jul 11, 2017	Modular data structures				
	11	Wed, Jul 12, 2017	make and Makefiles				
4 Debugging; Git							
	12	Fri, Jul 14, 2017	gdb and valgrind	4: Crawler	19-Jul	27-Jul	9 days
	13	Mon, Jul 17, 2017	git & gitlab				
	*	Tue, Jul 18, 2017	LAB TIME				
	14	Wed, Jul 19, 2017	TinySearchEngine: Searching the web; crawler intro				
5 TinySearchEngine: Crawler							
	15	Fri, Jul 21, 2017	Crawler design; Makefiles	5: Indexer	28-Jul	3-Aug	7 days
	16	Mon, Jul 24, 2017	Design methodology; Bugs and testing				
	*	Tue, Jul 25, 2017	LAB TIME				
	17	Wed, Jul 26, 2017	Unit testing				
6 TinySearchEngine: Indexer							
	18	Fri, Jul 28, 2017	TinySearchEngine: Indexer design	6: Query	4-Aug	11-Aug	8 days
	19	Mon, Jul 31, 2017	<i>Special guest - Debbie Beliveau</i>				
	*	Tue, Aug 1, 2017	LAB TIME				
	20	Wed, Aug 2, 2017	Cohesion, coupling, and design				
7 TinySearchEngine: Querier; sockets							
	21	Fri, Aug 4, 2017	TinySearchEngine: Querier design	Projects!			
	22	Mon, Aug 7, 2017	Sockets and networking				
	*	Tue, Aug 8, 2017	LAB TIME				
	23	Wed, Aug 9, 2017	Processes and fork				
8 Project kickoff							
	24	Fri, Aug 11, 2017	Introduction to the project; teams				
	*	Mon, Aug 14, 2017	LAB TIME				
	*	Tue, Aug 15, 2017	LAB TIME				
	*	Wed, Aug 16, 2017	LAB TIME				
9 Project design and development							
	*	Fri, Aug 18, 2017	LAB TIME			Des. Doc due	LSC 201
	*	Mon, Aug 21, 2017	LAB TIME				
	*	Tue, Aug 22, 2017	LAB TIME				
	*	Wed, Aug 23, 2017	LAB TIME				
10 DEMO DAY project recap, lessons learned, discussion							
	*	Fri, Aug 25, 2017	Project reviews, heuristics comparison including the best one(s), class wrap-up.			Full project due on 8/24	LSC 200 (not 201)