

CS 50 - Spring 2017 Schedule - as of 10-May-2017

Week	Notes	Date	Topics – tentative	Labs	start date	due date	days
1 Unix shell and commands							
1		Mon, Mar 27, 2017	Getting started	lab0: start	Mon 27-Mar	Mon 27-Mar	1
2		Wed, Mar 29, 2017	Linux shell and commands	lab1: Shell	Wed 29-Mar	Sun 2-Apr	4
3		Thu, Mar 30, 2017	x Linux shell and shell programming				
4		Fri, Mar 31, 2017	Shell programming				
2 Introduction to C							
5		Mon, Apr 3, 2017	C Programming 1	lab2: C programs	Mon 3-Apr	Tue 11-Apr	8
6		Wed, Apr 5, 2017	C Programming 2				
7		Thu, Apr 6, 2017	x C Programming 3				
8		Fri, Apr 7, 2017	special guest – Emma Smithayer '12				
3 Memory, pointers, and data structures							
9		Mon, Apr 10, 2017	Memory, pointers, and scope	lab3: C modules	Wed 12-Apr	Thu 20-Apr	8
10		Wed, Apr 12, 2017	Pointers, strings and linked lists				
11		Thu, Apr 13, 2017	x Modular data structures				
12		Fri, Apr 14, 2017	Makefiles, include files, and 'extern'				
4 Debugging; git; TinySearchEngine							
13		Mon, Apr 17, 2017	gdb and valgrind (Travis Peters)	lab4: Crawler	Thu 20-Apr	Fri 28-Apr	8
14		Wed, Apr 19, 2017	git and gitlab				
15		Thu, Apr 20, 2017	x Searching the web; crawler requirements				
16		Fri, Apr 21, 2017	TinySearchEngine: Crawler design				
5 TinySearchEngine Crawler and Indexer							
17		Mon, Apr 24, 2017	Design methodology; Makefiles; C preprocessor	lab5: Indexer	Fri 28-Apr	Fri 5-May	7
18		Wed, Apr 26, 2017	Bugs and testing				
19		Thu, Apr 27, 2017	x Unit testing				
20		Fri, Apr 28, 2017	TinySearchEngine: Indexer design				
6 TinySearchEngine Querier; Documentation							
21		Mon, May 1, 2017	Iterators	lab6: Query	Fri 5-May	Fri 12-May	7
22		Wed, May 3, 2017	TinySearchEngine: Querier design				
23		Thu, May 4, 2017	x Cohesion, coupling, and design				
		Fri, May 5, 2017	optional - TAs in classroom for help with labs				
7 Networking; introduction to the Project							
24		Mon, May 8, 2017	Sockets and networking	Project	Fri 12-May	Wed 31-May	19
25		Wed, May 10, 2017	Sockets, processes, and fork				
*		Thu, May 11, 2017	x Team meeting – Project preparation				
26		Fri, May 12, 2017	Introduction to the project				
8 Project begins; design reviews							
*		Mon, May 15, 2017	Team meeting – Project development				
*		Wed, May 17, 2017	Team meeting – and special guests!				
*		Thu, May 18, 2017	x Team meeting – Project development				
*		Fri, May 19, 2017	Teams meet 1-on-1 with Professor – Design review				
9 Project Lab Time							
*		Mon, May 22, 2017	Team meeting – Project development				
*		Wed, May 24, 2017	Team meeting – Project development				
*		Thu, May 25, 2017	x Team meeting – Project development				
*		Fri, May 26, 2017	Team meeting – Project development				
10 Project completion and demo							
*		Mon, May 29, 2017	First day of reading period				
*		Tue, May 30, 2017	Project deadline 10pm				
*		Wed, May 31, 2017	Project demos				

Note the official college calendar for Spring term: http://www.dartmouth.edu/~reg/calendar/term/16_17_term_calendars.html#spring17