CS101 Fall 2019 Schedule

Week	Date	Lecture	Lab / Quiz / Test / Assignment	Reading
1	Sep 3	Course Intro The old days - computer history		Ch 1
	Sep 4		Lab 1: Set up accounts / HW1 Quiz 1	
	Sep 5	Numbering systems		Ch 2
2	Sep 10	Data representation		Ch 3
	Sep 11		Lab 2: Numbers and text in computing Quiz 2	
	Sep 12	Digitization and compression (MP3 and ZIP)		Ch 4
3	Sep 17	Binary logic and hardware		Ch 5
	Sep 18		Lab 3: Logic circuits Quiz 3	
	Sep 19	Networking: Ethernet		Ch 6
4	Sep 24	Networking: IP and Routing		Ch 7
	Sep 25		Lab 4: Networking Quiz 4	
	Sep 26	Network services		Ch 8

Week	Date	Lecture	Lab / Quiz / Test / Assignment	Reading
	Oct 1	Intro to HTML		Ch 10
5	Oct 2		Lab 5: HTML Quiz 5	
	Oct 3	FOSS and web servers		Ch 9
	Oct 8	Programming languages		Ch 11
6	Oct 9		Lab 6: Web site Quiz 6	
	Oct 10	MIDTERM EXAM (in class)		
	Oct 15	No class (Monday schedule)		
7	Oct 16		Open lab (pick up midterms, catch up) No quiz	
	Oct 17	Bitcoin and other cryptocurrencies		Blackboard
	Oct 22	Javascript basics		Ch 12
8	Oct 23		Lab 7: Javascript Quiz 7	
	Oct 24	Javascript loops and buttons; functions		Ch 12

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9	Oct 29	Javascript - getting text from boxes; divs		Ch 13
	Oct 30		Lab 8: Javascript / Addition Quiz 8	
	Oct 31	Javascript strings, arrays, libraries		Ch 12
10	Nov 5	Javascript objects		Ch 14
	Nov 6		Lab 9: Javascript / Calculator Quiz 9	
	Nov 7	Operating systems and virtual machines		Ch 17
11	Nov 12	Security / privacy		Ch 15
	Nov 13		Lab 10: Security Quiz 10	
	Nov 14	Security / privacy		Ch 15
12	Nov 19	Cascading Style Sheets		
	Nov 20		Lab 11: CSS / A better calculator Quiz 11	
	Nov 21	Algorithms: Searching and Sorting		Blackboard

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	Nov 26			
13	Nov 27	THANKSGIVING BREAK		
	Nov 28			
	Dec 3	Computer specifications		Ch 18
14	Dec 4		Lab 12: What's in the box? Quiz 12	
	Dec 5	Build a PC - demo		N/A
	Dec 10	Q&A session		
15	Dec 11	NO CLASS OR LAB (reading week)		
	Dec 12			
16	Dec 16-20	FINAL EXAM Date and time TBD		