

Week number	Class number	Day	Date	Main topic	Required reading	Work due	Quiz/exam
1	1	Mon	1/24	Impossibility of crash-finding programs	--		
	2	Thu	1/27	Mathematical preliminaries	1.1		
2	3	Mon	1/31	Languages, grammars, automata	1.2		
	4	Thu	2/3	dfas	2.1		
3	5	Mon	2/7	ndfas	2.2		EZquiz1
	6	Thu	2/10	Converting dfas to ndfas	2.3	H1	
4	7	Mon	2/14	Regular expressions	3.1		
	8	Thu	2/17	Equivalence of regexps and regular languages	3.2	P1	
5	9	Mon	2/21	Regular grammars	3.3		EZquiz2
	10	Thu	2/24	Closure properties of regular languages	4.1		
6	11	Mon	2/28	Algorithms for regular languages	4.2		
	12	Thu	3/3	Proving a language isn't regular	4.3	H2	
7	13	Mon	3/7	The pumping lemma	--		EZquiz3
	14	Thu	3/10		--		midterm
8		Mon	3/14		Spring break		
		Thu	3/17				
9	15	Mon	3/21	The pumping lemma again	4.3 again		
	16	Thu	3/24	Context free grammars	5.1,5.2	P2	
10	17	Mon	3/28	Simplifying context free grammars	6.1,6.2		EZquiz4
	18	Thu	3/31	npdas	7.1,7.2		
11	19	Mon	4/4	Closure properties of context free languages	8.2	H3	
	20	Thu	4/7	Turing machines	9.1		
12	21	Mon	4/11	Turing machines as transducers	9.2,9.3		EZquiz5
	22	Thu	4/14	More Turing machines as transducers	--		
13	23	Mon	4/18	Variants of Turing machines, and Universal Turing machines	10.1,10.2,10.3, 10.4	H4	
	24	Thu	4/21	Recursive languages	11.1		
14	25	Mon	4/25	Unrestricted grammars	11.2	P3	
	26	Thu	4/28	Undecidability	12.1		
15	27	Mon	5/2	wrapup	--		EZquiz6
	28	Thu	5/5	Additional topics	--	H5	
		Tue	5/10		--		final (2pm)