

The following is a tentative schedule up to Thanksgiving. I'll try to stick to it as much as possible, but I suspect it is a leeeetle ambitious.

Date	Topic	Reading	Assignment
Sept 5	Administrativa & Math Review	Lec. 1 & 2	hwk 0
7	Finite Automata & Regular Sets	Lec. 2 & 3	hwk 1
Sept 10	More on Regular Sets	Lec. 4	hwk 2
12	Nondeterministic Finite Automata	Lec. 5	
14	The Subset Construction	Lec. 6	
Sept 17	(SL) Pattern Matching	Lec. 7	hwk 3
19	(SL) Pattern Matching & Regular Expressions	Lec. 8	
21	(SL) Regular Expressions & Finite Automata	Lec. 9	
Sept 24	Limitations of Finite Automata	Lec. 11	hwk 4
26	Using the Pumping Lemma	Lec. 12	
28	Mish-Mash	Lec. 10-18	
<b>Oct 1</b>	<b>Midterm 1</b>		
3	Context-Free Grammars & Languages	Lec. 19	hwk 5
5	Balanced Parentheses	Lec. 20	
Oct. 8	(SL) Normal Forms	Lec. 21	hwk 6
10	(SL) Pumping Lemma	Lec. 22	
12	(SL) Pushdown Automata	Lec. 23	
Oct. 15	PDA's and CFG's	Lec. 24	
17	Mish-Mash	Lec. 25-27	
<b>Oct 19</b>	<b>Midterm 2</b>		
<b>Fall Recess</b>			
Oct 29	Turing Machines	Lec. 28	hwk 7
31	More on Turing Machines	Lec. 29	
Nov. 2	Equivalent Models	Lec. 30	
Nov. 5	Universal Machines & Diagonalization	Lec. 31	hwk 8
7	Decidable & Undecidable Problems	Lec. 32	
9	Reductions	Lec. 33	
Nov 12	Rice's Theorem	Lec. 34	hwk 9
14	Undecidable Problems about CFL's	Lec. 35	
16	Goedel's Incompleteness Theorem	Lec. 38	
Nov 19	Proof of Goedel's Theorem	Lec. 39	
<b>Nov 21</b>	<b>Midterm 3</b>		
<b>Thanksgiving</b>			
Nov 26 -	Time & Space Complexity		hwk 10, 11
<b>Dec 20</b>	<b>Final. 2-4pm</b>		