

Here is an updated tentative schedule up to Dec. 3. More updates to follow!

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