

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

Date	Topic	Reading	Assignment
Sept 5 7	Administrativa & 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	Breather 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
Oct 1	Midterm 1 [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 17 19	Normal Forms Pumping Lemma Pumping Lemma	Lec. 21 Lec. 22 Lec. 22	hwk 6
Fall Recess			
Oct 29	Midterm 2 [Regular Expressions, CFG's & Pumping Lemma for CFG's]		
Oct 31 Nov. 2	Pushdown Automata PDA's and CFG's	Lec. 23 Lec. 24	hwk7
Nov. 5 Nov. 7 8 9	Turing Machines More on Turing Machines (MUL) Equivalent Models Universal Machines & Diagonalization	Lec. 28 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	
Nov 21	Midterm 3		
Thanksgiving			
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
Dec 20	Final. 2-4pm		