Revised Syllabus

NOTE: TOPICS may change by class consensus.

Class meeting	Topic	
1)	introduction	
2)	overview of formal methods	
3)	complexity, proof techniques	
4)	proof systems, unification	
5)	pattern-matching, skolemization	
6)	Boolean minimization	[exercise]
7)	abstract domains	
8)	induction	
9)	program verification	
10)	string and graph rewrite	
11)	Mathematica,	
12)	lambda calculus, combinators	
13)	abstract algebra and group theory	
14)	relational algebra	
15)	logic revisited, BDDs	
16)	boundary techniques	
17)	cellular automata	
18)	fractals	
19)	dilemmas	[discussion]
20)	review and summary	