

Date	Week #	Topic
8-Jan	1	Intro
11-Jan		Discrete Objects
15-Jan	2	no class (MLK day)
18-Jan		Precise Statements
22-Jan	3	Proofs
25-Jan		Induction
29-Jan	4	Strong Induction
1-Feb		Recursion
5-Feb	5	Proofs with Recursive Objects
8-Feb		Sums and Asymptotics
12-Feb	6	Number Theory
15-Feb		Graphs
Feb. 20*	7	Matching and Coloring
22-Feb		Counting
26-Feb	8	Advanced Counting
29-Feb		Probability
4-Mar	9	no class (spring break)
7-Mar		no class (spring break)
11-Mar	10	Conditional Probability
14-Mar		Independent Events
18-Mar	11	Random Variables
21-Mar		Expected Value
25-Mar	12	Expected Value of a Sum
28-Mar		Deviations from the Mean
1-Apr	13	Infinity
4-Apr		Languages: What is Computation?
8-Apr	14	Deterministic Finite Automata (DFA)
11-Apr		Context Free Grammars
15-Apr	15	Turing Machines
18-Apr		Unsolvable Problems
22-Apr	16	Efficiency
25-Apr		no class (end of semester)