Day	M/W	Sections	Topic	Due	Note
1	9/7/2016	§2-3	Introduction, Definitions		Read §1
2	9/12/2016	§4-5	Theorems, Proofs		
3	9/14/2016	§6-8	Counterexamples, Boolean Algebra, Lists	HW1 (2-3)	Q1 (2-5)
4	9/19/2016	§9-10	Factorials, Sets		Q2 (6-8)
5	9/21/2016	§11-13	Quantifiers, Operators on sets, Combinatorial Proofs	HW2 (4-8)	
6	9/26/2016	§14-15	Relations, Equivalence relations		Q3 (9-13)
7	9/28/2016	§15-16	Equivalence classes, Partitions,	HW3 (9-13)	
8	10/3/2016	§17-18	Binomial and Multinomial coefficients		Q4 (14-16)
9	10/5/2016	§18-19	Multisets, Inclusion-Exclusion	HW4 (14-16)	
	10/10/2016		Fall recess (No class)		
	10/12/2016		MIDTERM EXAM 1	HW5 (17-19)	
10	10/17/2016	§20-21	Contradiction, Smallest Counterexample		
11	10/19/2016	§22	Induction, Strong Induction		
12	10/24/2016	§23	Recurrence Relations		Q5 (20-22)
13	10/26/2016	§23	Sequences generated by polynomials	HW6 (20-22)	
14	10/31/2016	§24	Functions		Q6 (22-23)
15	11/2/2016	§24-25	Counting functions, Pigeonhole	HW7 (22-23)	
16	11/7/2016	§26, 28	Compositions, Symmetries		Q7 (24-25)
17	11/9/2016	§27	Permutations and Transpositions	HW8 (24-25)	
	11/14/2016		MIDTERM EXAM 2		
18	11/16/2016	§35-36	Division, GCD	HW9 (27)	
	11/21/2016		Class Cancelled		
	11/23/2016		Thanksgiving break (No class)		
19	11/28/2016	§37	Modular arithmetic		Q8 (35-36)
20	11/30/2016	§38-39	Chinese remainder theorem, Factoring	HW10 (35)	
21	12/5/2016	§44-46	Public Key Cryptography		Q10 (38-39)
22	12/7/2016	§47-48	Graphs and Subgraphs	HW11 (37-39)	
23	12/12/2016	§49-50	Connection, Trees		Q11 (47-50)
24	12/14/2016	§51-52	Eulerian Graphs, Coloring	48)	

12/19/2016	8:00am-9:50am	FINAL EXAM