Lecture	Date	Topic	Reading	PS due
1	Monday August 28	Mathematical language	syllabus, Chapter 1	
2	Thursday August 31	Introduction to logic	§2,1, 2.2	
	Monday September 4 (no school)	—		0
3	Thursday September 7 (last add/drop day)	Laws and logical equivalence	§2.2, 2.3	
	FRIDAY Se[tember 8	—		1,2
4	Monday September 11	Applications and arguments	§2.3	
5	Thursday September 14	Quaantified propositions		3,4
6	Monday Sepstember 18	More on predicate calculus	Chapter 3	
7	Thursday September 21	Introdcution to number theory	§4.1,4.2,4.3	5,6
	Monday September 25 (no school)	—		
8	Thursday September 28	Proofs with number theory	§4.4, 4.5, 4.6, 4.7	
9	Monday October 2	Numbers and sequences	§5.1	7,8
10	Thursday October 5	Induction	§5.2, 5.3, 5.4	
	Monday October 9 (no school)	—		9,10
11	TUESDAY October 10 (Monday at Hunter)	More on indcution	§5.4, 5.6	
	THURSDAY October 12	TEST 1 on lectures 1-8		
12	Monday October 16	Recursion	§5.6, 5.7	
13	Thursday October 19	Introduction to set theory	§6.1	
14	Monday October 23	Proofs with set theory	§6.2, 6.3, 6.4	11,12
15	Thursday October 26	Functions	§7.1, 7.2	
16	Monday October 30	Proofs about functions	§7.3, 7.4	13,14
17	Thursday November 2	Counting and probability	§9.1	
18	Monday November 6	Permutations and combinations	§9.2, 9.5	15,16
19	Thursday November 9	Counting with disjoint sets	§9.3	
	Monday November 13	TEST 2 on lectures 9-16		
20	Thursday November 16	More counting principles	§9.4	17,18
21	Monday November 20	Counting with repetition	§9.5, 9.6	
	Thursday November 23 (no school)	—		19,20
22	Monday November 27	Polynomial counting	§9.7	
23	Thursday November 30	Graphs	§10.1	21,22
24	Monday December 4	More on graphs	§10.2	
25	Thursday December 7	Trees	§10.5	23,24
26	Monday December 11	Ethics in computer science		
	Wednesday December 13 (reading day)	no class		25,26
	Monday December 18 (11:30 - 1:30 PM)	TEST 3 on lectures 1-26		