

### Approximate Schedule for Math 390-Spring 2021

Week	Mon	Wed	Discussion
0 (8/24)		.	Course Introduction
1 (8/31)	Sect 1 & 2 (Intro)	Sect 3 (Defn)	Latex Intro
2 (9/7)	Labor Day, no class	Sect 4 (If-Then, IFF, And, Or, Not)	
3 (9/14)	Sect 5 (Proofs)	Sect 6 (Counterexample)	
4 (9/21)	Sect 7 (Boolean Logic)	Sect 10 (Sets)	
5 (9/28)	Sect 11 (Quantifiers)	Sect 12 (Set operations)	
6 (10/5)	Review, Sec 14 (Relations)	Exam 1 (Sect 1-7, 10-12)	
7 (10/12)	Sect 15 (Equivalence Relations)	Sect 20 (Contradiction)	
8 (10/19)	Sect 21(Smallest Counterexample)	Sect 21(Smallest Counterexample)	
9 (10/26)	Sect 22 (Induction)	Sect 22	
10 (11/2)	Review	Exam 2 (Sect 14, 15, 20, 21, 22)	
11 (11/9)	Sect 40 (Groups)	Sect 24 (Functions)	
12 (11/16)	Sect 25 (Pigeonhole Principle)	Sect 26 (Composition of Functions)	
13 (11/23)	Bijjective, injective, surjective	Image and preimage	
14 (11/30)	Review	Exam 3 (Section 24-26, 40, Functions)	
15 (12/7)	Final Review		