

Bridge to Abstract Mathematics – Sec. 001 – Spring 2020
Tentative schedule (MW)

	Mon 1/13	Tue 1/14	Wed 1/15	Thu 1/16	Fri 1/17	Sat 1/18
Week 1	Introduction		1.1 Logic and proofs		Drop/Add Ends	
	Mon 1/20	Tue 1/21	Wed 1/22	Thu 1/23	Fri 1/24	Sat 1/25
Week 2	MLK Jr. Day (No Classes)		1.1 Logic and proofs 1.2 Conditional and Biconditionals Quiz 1 HW1 due			
	Mon 1/27	Tue 1/28	Wed 1/29	Thu 1/30	Fri 1/31	Sat 2/1
Week 3	1.2 Conditional and Biconditionals		1.3 Quantifiers Quiz 2 HW2 due			
	Mon 2/3	Tue 2/4	Wed 2/5	Thu 2/6	Fri 2/7	Sat 2/8
Week 4	1.4 Basic Proof Methods I		1.5 Basic Proof Methods II Quiz 3 HW3 due			
	Mon 2/10	Tue 2/11	Wed 2/12	Thu 2/13	Fri 2/14	Sat 2/15
Week 5	1.6 Proofs Involving Quantifiers		TEST 1 HW4 due			

	Mon 2/17	Tue 2/18	Wed 2/19	Thu 2/20	Fri 2/21	Sat 2/22
Week 6	2.1 Basic Concepts of Set Theory		2.2 Set Operations			
	Mon 2/24	Tue 2/25	Wed 2/26	Thu 2/27	Fri 2/28	Sat 2/29
Week 7	2.2 Set Operations 2.3 Extended Set Operations and Indexed Families of Sets		2.3 Extended Set Operations and Indexed Families of Sets Quiz 4 HW5 due			
	Mon 3/2	Tue 3/3	Wed 3/4	Thu 3/5	Fri 3/6	Sat 3/7
Week 8	2.4 Induction		2.4 Induction 2.5 Equivalent Forms of Induction Quiz 5 HW6 due			
	Mon 3/9	Tue 3/10	Wed 3/11	Thu 3/12	Fri 3/13	Sat 3/14
Week 9	2.5 Equivalent Forms of Induction		TEST 2 HW7 due			
	Mon 3/16	Tue 3/17	Wed 3/18	Thu 3/19	Fri 3/20	Sat 3/21
	Spring Break		Spring Break			

	Mon 3/23	Tue 3/24	Wed 3/25	Thu 3/26	Fri 3/27	Sat 3/28
Week 10	3.1 Relations		3.1 Relations			Last Day to drop with "W"
	Mon 3/30	Tue 3/31	Wed 4/1	Thu 4/2	Fri 4/3	Sat 4/4
Week 11	3.2 Equivalence Relations		3.3 Partitions Quiz 6 HW8 due			
	Mon 4/6	Tue 4/7	Wed 4/8	Thu 4/9	Fri 4/10	Sat 4/11
Week 12	4.1 Functions as Relations		4.1 Functions as Relations Quiz 7 HW9 due			
	Mon 4/13	Tue 4/14	Wed 4/15	Thu 4/16	Fri 4/17	Sat 4/18
Week 13	4.2 Constructions of Functions		4.3 Functions that are Onto; One-to-One Functions Quiz 8 HW10 due			
	Mon 4/20	Tue 4/21	Wed 4/22	Thu 4/23	Fri 4/24	Sat 4/25
Week 14	4.4 Inverse Functions		TEST 3 HW11 due			
	Mon 4/27	Tue 4/28	Wed 4/29	Thu 4/30	Fri 5/1	Sat 5/2
Week 15	Free topic		Free topic	Reading Days	Reading Days	