

19-Jan	2.1 Logical Form and Logical Equivalence	
21-Jan	2.1 Logical Form and Logical Equivalence	
24-Jan	2.2 Conditional Statements	
26-Jan	2.2 Conditional Statements	
28-Jan	2.3 Valid and Invalid Arguments	HW1
31-Jan	3.1 Introduction to Predicates and Quantified Statements I	
2-Feb	3.2 Introduction to Predicates and Quantified Statements II	
4-Feb	3.2 Introduction to Predicates and Quantified Statements II	HWs 2 & 3
7-Feb	<i>Flex Day: Catch Up or Student Presentations</i>	
9-Feb	<i>Exam 1 Review</i>	
11-Feb	Exam 1	HW4
14-Feb	3.3 Statements Containing Multiple Quantifiers	
16-Feb	3.3 Statements Containing Multiple Quantifiers	
18-Feb	3.4 Arguments with Quantified Statements	HW5
21-Feb	4.1 Direct Proof and Counterexample I: Introduction	
23-Feb	4.1 Direct Proof and Counterexample I: Introduction	
25-Feb	4.2 Direct Proof and Counterexample II: Rational Numbers	HW6
28-Feb	4.3 Direct Proof and Counterexample III: Divisibility	
2-Mar	4.4 Direct Proof and Counterexample IV: Division Into Cases	
4-Mar	4.6 Indirect Argument: Contradiction and Contraposition	HW7
7-Mar	5.1 Sequences	
9-Mar	<i>Exam 2 Review</i>	
11-Mar	Exam 2	HW8
14-Mar	UT Spring Break	
16-Mar	UT Spring Break	
18-Mar	UT Spring Break	
21-Mar	5.2 Mathematical Induction I	
23-Mar	5.3 Mathematical Induction II	
25-Mar	5.4 Strong Mathematical Induction and Well Ordering	HW9
28-Mar	6.1 Basic Definitions of Set Theory	
30-Mar	6.2 Properties of Sets	
1-Apr	6.3 Disproofs and Algebraic Proofs	HW10
4-Apr	6.3 Boolean Algebras	
6-Apr	7.1 Functions Defined on General Sets	
8-Apr	7.2 One-to-one and Onto, Inverse Functions	HW11
11-Apr	<i>Flex Day: Catch Up or Student Presentations</i>	
13-Apr	<i>Exam 3 Review</i>	
15-Apr	Exam 3	HW12
18-Apr	9.4 The Pigeonhole Principle	
20-Apr	7.3 Composition of Functions	
22-Apr	8.1 Relations on Sets	HW13
25-Apr	8.2 Reflexivity, Symmetry, and Transitivity	
27-Apr	8.3 Equivalence Relations	
29-Apr	<i>Flex Day: Catch Up or Student Presentations</i>	
2-May	10.1 Graphs: Definitions and Basic Properties	HW14
4-May	10.2 Trails, Paths, and Circuits	
6-May	<i>Final Review</i>	
12-May*	Cummulative Final Exam	

*The university will set the final exam schedule later in the semester.