DATE	DUE	SECTION AND TOPIC
T 8.31		1.1: Course introduction; propositions and connectives
R 9.2		1.2: Conditionals and biconditionals
F 9.3	1.1 HW	
T 9.7	1.2 HW	1.3: Open sentences and sets
R 9.9	ICA 1	1.4: Quantifiers
F 9.10	1.3 HW	
T 9.14	1.4 HW Preview 1 ICA 2	1.5: Set operations
R 9.16	Preview 2 ICA 3	1.6: Rules of inference Introduction to Overleaf (bring laptop to class)
F 9.17	1.5 HW	
T 9.21	ICA 4	2.1: Introduction to proof
R 9.23	1.6 HW	2.2: Direct proofs
T 9.28	2.1-2.2 HW ICA 5	2.3: Cases
R 9.30	ICA 6	2.4-2.5: Contradiction and contrapositive proofs
T 10.5	2.3-2.5 HW	2.6-2.7: Biconditional and set equality proofs
R 10.7		2.8: Properties of set operations
T 10.12	2.6-2.8 HW	2.9-2.12: Proofs of quantified statements
R 10.14		**EXAM 1:** covers Chapters 1-2 in my lecture notes
T 10.19	2.9-2.12 HW Preview 3	3.1-3.3: Equivalence relations
R 10.21	3.1 HW	3.4-3.5: Quotient spaces
T 10.26	Preview 4 3.2-3.5 HW	3.6-4.1: Number systems; introducing functions
R 10.28	ICA 7	4.1-4.3: Images and preimages
F 10.29	3.6 HW	
T 11.2	4.1 HW	4.4-4.5: Operations on functions
R 11.4	Preview 5	4.6: Surjectivity and injectivity
F 11.5	4.3-4.4 HW	
T 11.9	4.6 HW	4.7: Bijectivity and inverse functions
R 11.11		**EXAM 2:** covers Chapters 3-4 in my lecture notes
T 11.16	4.7 HW	5.1-5.2: Order relations and Peano axioms
R 11.18		5.3: Proofs by induction
T 11.23	5.1-5.2 HW ICA 8	5.3-5.4: More on induction
R 11.25		*No class - Thanksgiving break*
T 11.30	5.3 HW ICA 9	5.5: Strong induction
R 12.2		Presentations
T 12.7	5.4-5.5 HW	Presentations; review (time permitting)
R 12.9		**EXAM 3:** covers Chapters 5-6 in my lecture notes
W 12.15		**FINAL EXAM** 2-3:40 PM in STR 120