Advanced Logic S13

Date	Topic	Reading	Notes
28-Jan	Introduction/Review of Phil 251	-	HW1 Assigned
30-Jan	Metalogic, Logical Consequence, Logical Constants	1.1-1.7; MacFarlane, *Logical Constants* (section 8), SEP	
1-Feb	Basic Set Theory	1.8	
4-Feb	Propositional Logic: Semantic Approach	2.1-2.4	HW1 Due, HW2.1 Assigned
6-Feb		2.1-2.4	
8-Feb	Propositional Logic: Axiomatic Approach	2.6	HW2.1 Due, HW2.2 Assigned
11-Feb	Propositional Logic: Axiomatic Approach	2.8 (proof of Deduction Theorem will require you to be familiar with proofs by induction, discussed in 2.7)	
13-Feb	Propositional Logic: Soundness and Completeness	2.7, 2.9	HW2.2 Due, HW2.3 Assigned
15-Feb		2.7, 2.9	
18-Feb	OPEN DAY		HW2.3 Due
20-Feb	Extensions of Propositional Logic: Nonclassical Logics	3.3-3.4.2	HW3 Assigned
22-Feb		3.4.4	
25-Feb		Priest, "The Logic of Paradox"	
27-Feb	Extensions of Propositional Logic: Vagueness	3.4.3; Williamson, *Vagueness*, 4.2, 4.6, 4.7, 4.8, 4.10, 4.14	HW3.1 Due
1-Mar		3.4.5; Williamson, *Vagueness*, 5.1-5.3	
4-Mar			
6-Mar	Predicate Logic: Semantics and Models	4.1-4.2	HW3.2 Due, HW4.1 Assigned
8-Mar	Predicate Logic: Axiomatic Proofs	4.3	HW4.2 Assigned
11-Mar			
13-Mar	Predicate Logic: Axiomatic Proofs	4.4	HW4.1 Due
15-Mar	Predicate Logic: Axiomatic Proofs		

18-Mar	REVIEW DAY		HW4.2 Due
20-Mar	MIDTERM EXAM		
22-Mar			
Spring Recess			
1-Apr	Predicate Logic: Metalogic	4.5; "Scooping the Loop Snooper"	HW5 Assigned
3-Apr	Beyond Predicate Logic: Identity	through 5.1.3	
5-Apr	Beyond Predicate Logic: Function Symbols	5.2	
8-Apr	Beyond Predicate Logic: Definite Descriptions	5.3	
10-Apr			
12-Apr	Beyond Predicate Logic: Free Logic or Further Quantifiers	5.4 or 5.6	HW5 Due
15-Apr	Modal Propositional Logic: Introduction	6	HW6.1 Assigned
17-Apr	MPL: Grammar and Semantics	6.1-6.3.1	
19-Apr	MPL: Establishing Validity and Invalidity	6.3.2-6.3.3	PAPER DRAFT DUE
22-Apr	MPL: Establishing Validity and Invalidity	6.3.2-6.3.3	
24-Apr	MPL: Establishing Validity and Invalidity	6.3.2-6.3.3	HW6.1 Due, HW6.2 Assigned
26-Apr	MPL: Axiomatic Proofs	6.4	
29-Apr	MPL: Axiomatic Proofs	6.4	
1-May	Beyond MPL	tba	
3-May	Beyond MPL	tba	HW6.2 Due
6-May	OPEN DAY		
8-May	REVIEW DAY		PAPER DUE