

Lecture and Homework Correspondences, 726 2006, 2004, and 2001

<b>2006 Lecture and HW number</b>	<b>2004 Lecture and HW number</b>	<b>2001 Lecture and HW number</b>	<b>TOPIC</b>	<b>notes</b>
Lec 1, HW 1	Lec 1, HW 1	Lec 1, HW 1	Set theory etc	No solutions on web; enough in PtMW
Lec 2, HW 2	Lec 2, HW 2	Lec 2, HW 2	Relations & functions	Instructors' notes on web
Lec 3, HW 3	Lec 3, HW 3	Lec 3, HW 3	properties of relations	
Lec 4.1, HW 4	Lec 4.1, HW 4	Lec 4.1, HW 4	Algebra 1 – homomorphisms etc	took 2 days in 04, 06
Lec 4.2, HW 5	Lec 4.2, HW 5	Lec 4.2, HW 4.2	Alg 2 – lattices and Boolean algebras	
Lec 5, HW 6	--	Lec 14, HW 14	infinities	no real handout in 01; topic not done in 04
Lec 6, no hw	--	--	cardinality of natural language - issues	not done in 726 before; done in 409 2003, 2005
Lec 7, HW 7	Lec 5, HW 6	Lec 5, HW 5	Logic 1 – stmt logic, syntax and semantics	
Lec 8, HW 8	Lec 6, HW 7	Lec 6, HW 6	Logic 2 – pred logic, axioms, trees	2004 HW 7 has tree questions that weren't in 2001
Lec 9, HW 9	Lec 7, HW 8	Lec 10, HW 10	Model theory 1, consistency etc	
Lec 10, HW 10	Lec 8, HW 9	Lec 7, HW 7	Ax. descriptions of props of relations; HW is alg review	
Lec 11, HW 11	Lec 9, HW 10	Lec 11, HW 11	Proof by induction	no lec 11 notes in 2001; HW 11 answers yes on web
Lec 12, HW 12	Lec 10, HW 11	Lec 8+9, HW 9	Word algebras, Lindenbaum alg for statement logic	
Lec 13, no hw	Lec 11, no hw	Lec 15, part 1	Finite state automata	
Lec 14, HW 13	Lec 12, HW 12	Lec 15.2, HW 15	Finite state languages	
Lec 15, HW 14	Lec 13, HW 13	Lec 15.2, HW 15	Are NLS finite state?	
Lec 16, no hw	Lec 14, HW 14	Lec 17, no hw	CFGs; are NLS CF?	
More classes, no more hw	More classes, no more hw	More classes, no more hw		