Assignment Schedule #2

A11. HW: Priest 7.1 - 7.5 and MNDP 6.1. Give semantic arguments to demonstrate each of the results (except ones worked in class) in the $K_3$ and $LP$ columns from the table on p. 126. Note that if there is no appeal to $exc$ or $exh$, then an argument for one is an argument for the other.

EX: Give “truth tables” or arguments to show results in the remaining columns of the table on p. 126.

* Read §2.1 - 2.2 of MSRS (observe that Roy’s FA is just our FDE). Explain and evaluate the different notions of validity from MSRS. What is Roy’s logical entailment? what is his classical entailment? Does the picture make sense of interpretations with $\{\}$ and/or $\{0,1\}$? Explain. For exam submission.

A12. HW: Finish Priest ch 7 (excluding 7.11), and read MNDP 6.2. For each of the valid results from the $K_3$ and $LP$ columns of the table on p. 126, give an appropriate derivation to show validity. Again, note that if there is no appeal to D or U, a derivation for one is a derivation for the other!

EX: (i) Give derivations to show results in the remaining columns of the table on p. 126. (ii) In a short essay, react to Priest’s discussion from 7.6 - 7.9.

A13. HW: Read Priest ch 8 (excluding 8.7) and look again at MNDP 6.1-2. Give semantic arguments for each of 8.10, #1.e.g.i.k.l using our regular TM definition and then HM and SM (note that not all are valid). For each that is valid, give a natural derivation to demonstrate its validity.

EX: Work any of the remaining problems from 8.10 #1 in one of the new systems, and/or use tableaux to demonstrate any of the results.

A14. HW: Read Priest 10.1 - 10.3 skimming lightly over his discussion of tableaux rules, and MNDP 8.1, ignoring special constraints on access, and conditional augmentation of the logic. From 10.3.6, give semantic arguments to show A2 (just the first form), A6, A7, R3 and R5. Then give semantic arguments for 10.11 #2.a,c,e

EX: Given semantic arguments for any of the other results in 10.3.6 or 10.11 #2.
A15. HW: Read Priest, 10.4 - 10.6 again skimming lightly over tableaux rules, and review MNDP 8.1 now including special constraints. From 10.4.6 and 10.4a8 give semantic arguments to show A8, A9, A12 and A13 (in each case assuming the corresponding condition: C8 for A8; etc.); then do both parts of 10.11 #3

EX: Give semantic arguments for any of the other results in 10.4.6 or 10.4a.8.