

Phil 122: Topics in Logic

Modal Logic

Prof. Gila Sher

Winter 2013

Prerequisite: PHIL 120 or the instructor's permission.

Textbook: *A New Introduction to Modal Logic*, G.E. Hughes & M.J. Cresswell.

Grades: 2 Midterms & Final. Each Midterm - 25%, Final - 50%

Office Hours: 8042 HS&S. M 3:30-4:30

Schedule of Classes:

M 1/7 Introduction to Class

Modal Propositional Logic

W 1/9 Ch 1: The Basic Notions
M 1/14 Ch. 2: The Systems K, T, and D
W 1/16 Cont.
M 1/21 UNIVERSITY HOLIDAY
W 1/23 **Midterm 1**
M 1/28 Ch. 3: The Systems S4, S5, B, Triv and Ver
W 1/30 Cont.
M 2/4 Ch. 4: Testing for Validity
W 2/6 Cont.

Modal Predicate Logic

M 2/11 Ch 13: The Lower Predicate Calculus.
W 2/13 Cont.
M 2/18 UNIVERSITY HOLIDAY
W 2/20 **Midterm 2**
M 2/25 Ch. 15: Expanding Domains
W 2/27 Ch. 16: Modality & Existence
M 3/4 Cont.
W 3/6 Ch. 17: Identity & Descriptions
M 3/11 Cont.
W 3/13 Conclusion