

## UPDATED

**Phil 122: Topics in Logic**  
**Modal Logic**  
**Prof. Gila Sher**  
**Spring 2011**

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. T 2:30-3:30

### **Schedule of Classes:**

T 3/29 Introduction to Class

#### Modal Propositional Logic

Th 3/31 Ch 1: The Basic Notions  
T 4/5 Ch. 2: The Systems K, T, and D  
Th 4/7 Cont.  
T 4/12 Ch. 3: The Systems S4, S5, B, Triv and Ver  
Th 4/14 Cont.  
T 4/19 Ch. 4: Testing for Validity  
Th 4/21 Cont.  
T 4/26 **Midterm 1**

#### Modal Predicate Logic

Th 4/28 Ch 13: The Lower Predicate Calculus.  
T 5/3 Cont.  
Th 5/5 Ch. 15: Expanding Domains  
T 5/10 Ch. 16: Modality & Existence  
Th 5/12 Cont.  
T 5/17 **Midterm 2**  
Th 5/19 Ch. 17: Identity & Descriptions  
T 5/24 Cont.  
Th 5/26 Ch. 18: Intensional Objects  
T 5/31 Cont.

Th 6/2 Conclusion