

**Philosophy 112**  
**Intermediate Symbolic Logic**  
**Winter, 2009**

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**Office Hours:** M 1-3, R 3-4

**Text:** Teller, *A Modern Formal Logic Primer*, Volume II

**Text Web Location:** <http://tellerprimer.ucdavis.edu/>

**Web Site:** <http://philosophy.ucdavis.edu/matthey/phi112/index.html>

**January**

6	1-1	Introduction
8	2-1, 2-2, 10-1, 10-2	Metalanguage, Atomic Sentences
13	9-1, 9-2, 9-3	Identity and Functions
15	Slides	Formal Semantics
20	1-2	Quantifiers
22	1-3	Quantifiers
27	2-3	Validity
29		MIDTERM

**February**

3	5-1 - 5-6	Derivation Rules for Quantifiers
5	3-1, 3-2, 3-3	Multiple Quantifiers
10	3-4	Equivalences
12	4-1, 4-2	Transcription
17	4-3	Transcription
19	9-4	Definite Descriptions
24		MIDTERM
26	6-1	Rules and Multiple Quantification

**March**

3	6-1	Rules and Multiple Quantification
5	6-2	Derived Rules
10	6-3	Metalogical Properties
12	10-3, 10-4	Soundness and Completeness
19	1:00 P.M.-3:00 P.M.	FINAL EXAMINATION

Grades will be based on graded homework (15%), two midterms (25% each) and a final examination (35%). The final will be comprehensive, with most of its content being drawn from material in the final segment of the course. Homework must be turned in on time. All examinations must be taken at the time scheduled, unless prior permission to change the time is given by the instructor. All work must be completed for the course to be passed. Incompletes will be given only if the instructor is consulted before the final examination.