

Philosophy 257.400

Introduction to Symbolic Logic

Spring 1996
Monday, Wednesday 5:30 - 6:45pm

Mitchell Hall 207

Instructor: Stephen Scholz
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(or by appointment)
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This is an introduction to the study of Symbolic Logic. It is intended to give the student a functional knowledge of the basics of formal logic, the vocabulary of logical discourse and the elements of sentential logic. Time permitting we shall examine proof theory and predicate logic. Class time will focus on lectures and going over homework assignments. Students will be expected to have completed all homework before class and be prepared to present their answers to the class. There will be a mid-term and final exam as well as several quizzes to be announced during the semester. Assignments will be announced at each class meeting.

There is no textbook for this class. However, a collection of lecture notes is available in the Quik-copy center (Yale & Central). (For: Phil. 257,356 by A.Yaqub) This will also include most of the homework exercises.

For obvious reasons regular attendance is mandatory.

Grades:

Quizzes.....	20%
Midterm.....	20%
Final.....	30%
Homework.....	15%
Class Participation.....	15%

Schedule

Week	Subject	Assignment
Week 1	Introduction	Translation Exercises 1
Week 2	Informal Logic: Translations	Exercises Set 1 (A)
Week 3	Informal Logic: Taxonomy of Arguments	Exercise Set 1 (B-H)
Week 4	Informal Logic: Deductive Logic	Exercise Set 1 (I-K)
Week 5	Term Logic: Syntax	Translation Exercises 2
Week 6	Term Logic: Semantics	Exercise Set 2 (A-E)
Week 7	Term Logic: Logical Concepts	Exercise Set 2 (F—I)
Week 8	Term Logic: Logical Concepts	Mid-term Exam
Week 9	Sentence Logic: Translations	Supplementary Exercise Sheet A
Week 10	Sentence Logic: Syntax	Exercise Set 3 (A-F)
Week 11	Sentence Logic Syntax	Exercise Set 3 (G-L)
Week 12	Sentence Logic: Semantics	Exercise Set 3 (M-N)
Week 13	Sentence Logic: Logical Concepts	Exercise Set 3 (O-P)
Week 14	Predicate Logic: Syntax	Supplementary Exercise Sheet B
Week 15	Predicate Logic: Natural Deduction System	Supplementary Exercise Sheet C
Week 16	Review	Final Exam