

SYMBOLIC LOGIC I - PHIL 5100 - R01 - PHIL 3204 - R01 - 2011 Fall

TF 10:00-11:15; Room: 206 KE

Gyula Klima

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Office hours: TF 11:30– 13:30

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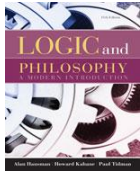
Web: <http://faculty.fordham.edu/klima/>

This course provides an introduction to fundamental techniques of symbolic logic, along with a discussion of their philosophical foundations and implications. Topics covered are: the syntax and semantics of propositional logic and quantification theory with identity, truth tables, natural deduction, truth trees; quantification theory compared with Aristotelian logic, existence and quantification, definite descriptions, numerals, empty names, free logic, modal logic, “possible worlds” semantics, intensionality and intentionality.

Requirements:

Attendance, participation, 4 tests and a written final

Required readings:



Logic and Philosophy: A Modern Introduction, 11th Edition

Alan Hausman | Howard Kahane | Paul Tidman

ISBN-13: 9780495601586

456 Pages | © 2010 | Published

+ Online course materials

Schedule of Classes

'+' indicates additional readings available online assigned by e-mail

9/2/2011	Basic Concepts I (Logic, Argument, Proof, Soundness, Validity) 1-16
9/6/2011	Basic Concepts II, (Formal Logic, Syntax, Semantics, Compositionality) 1-16 +
9/9/2011	Formalization in Propositional Logic I 17-30
9/13/2011	Formalization in Propositional Logic II 30-50
9/16/2011	Truth Tables, 53-85
9/20/2011	Test #1
9/23/2011	Proofs I 86-122
9/27/2011	Proofs II 123-150
9/30/2011	Truth Trees 151-165
10/4/2011	“Pre-Test”, Exercises I
10/7/2011	“Pre-Test”, Exercises II
10/11/2011	Test #2
10/14/2011	“Post-test” discussion
10/18/2011	Predicate Logic 165-199
10/21/2011	Proofs 200-225
10/25/2011	Relations 226-271
10/28/2011	No Class – ACPA (home review)
11/1/2011	Truth Trees 272-285
11/4/2011	“Pre-Test”, Exercises
11/8/2011	Test #3
11/11/2011	PTTT (post-test trauma treatment)
11/15/2011	PTTT (post-test trauma treatment)
11/18/2011	Identity, Definite Descriptions, Numerals 286-292
11/22/2011	“Pre-Test”, Exercises, Identity, Definite Descriptions, Numerals
11/25/2011	No Class – Thanksgiving! (home review)
11/29/2011	Test #4
12/2/2011	Syllogistic vs. Predicate Logic I 319-355; 292-294(!)
12/6/2011	Existential Import, Free Logic, Ontological Commitment ++
12/9/2011	Intensional Logics, “Possible Worlds”, Intentional contexts ++
12/13/2011	What the heck is <i>logic</i> , after all? Is it (should it be) the same for all? +
12/16/2011	Final Exam at 9:30