

Philosophy 230: SYMBOLIC LOGIC

CSU, Northridge

SEMESTER: SPRING 2009
TICKET #: 17232
DAYS/TIME: TUESDAY 6-8:30
LOCATION: SH 205

INSTRUCTOR: Dr. Dean Pickard
OFF/HRS: ST 506/T 4-6, Th 3:45-4:15
Email/Ph: dean.pickard@csun.edu
Website: www.deanpickard.com

PRE-REQUISITES: Completion of GE Analytical Reading/Expository Writing; either GE Math or MATH 210

Description:

Introduction to formal or modern deductive logic; includes propositional logic and theory of quantification.

Textbooks:

Hurley, Patrick, **A Concise Introduction to Logic**. 10th ed., Thompson/Wadsworth, 2008. ISBN: 13:978-0-495-50383-

Course Requirements and Grading: 10-11 quizzes, 10-20 pts each, drop 4 lowest, 3 exams 100 pt each

Week	Topics Covered:	pages	Date
1.	A) Arguments, Premises, Conclusions B) Deduction and Induction	Ch1 p. xviii-xix, p. 1-31 Ch1p. 32-42	Jan20
2.	Quiz 1: pages 1-42 A) Validity, Truth, Soundness, Strength, Cogency B) Extended Arguments	Ch1 p. 42-61 Ch1 p. 61-73	Jan27
3.	Quiz 2: pages 42-73 Propositional Logic: Translation, Truth Functions	Ch6 p. 290-332	Feb3
4.	Quiz 3: pages 290-332 Propositional Logic: Truth Tables Propositions/Arguments	Ch6 p. 313-325	Feb10
5.	Quiz 4: 313-325 Propositional Logic: Indirect Truth Tables, Argument Forms & Fallacies	Ch6 p. 325-349	Feb 17
	EXAM 1: Propositional Logic p. 290-349		Feb24
6.	Natural Deduction in Propositional Logic: Implication I	Ch7 p. 350-361	Feb 24
7.	Quiz 5: Implication I-II Natural Deduction in Propositional Logic: Implication II, Replacement I	Ch7 p. 361-380	Mar10
8.	Quiz 6: 361-380 Natural Deduction in Propositional Logic: Replacement II, Conditional Proof	Ch7 p. 381-397	Mar17
9.	Quiz 7: p. 381-397 Natural Deduction in Prop. Logic: Indirect Proof, Proving Logical Truths	Ch7 p. 397-405	Mar24
10.	NO CLASS MARCH 31: Cesar /Chavez Day		
11.	NO CLASS APRIL 7: SPRING BREAK		
	EXAM 2: Natural Deduction in Propositional Logic		Apr14
12.	Quiz: 8 p 397-405 Predicate Logic: Translation, Rule of Inference	Ch8 p. 406-425	Apr14
13.	Quiz: 9 p 406-425 Predicate Logic: Quantifier Change, Conditional/Indirect Proof	Ch8 p. 425-435	Apr21
14.	Quiz: 10 p 425-435 Predicate Logic: Invalidity, Relational Predicates/Overlapping Quantifiers	Ch8 p. 435-453	Apr28
15.	Quiz: 11 p435-453 Predicate Logic: Identity	Ch 8p. 453-467	May5
16.	EXAM 3: Predicate Logic (8-10PM)		May12

Note: A) If you drop the class, do so officially or you could receive an F. **Drop Deadline: Feb 6**
 B) You are subject to exclusion if you miss more than 4 hours. Following an absence, find out what you missed.
 C) Late arrival or early departure: sit near the door. After arriving, do not leave and re-enter class except for emergencies.
 D) **Beepers/cell phones** should be turned off **before** entering class.
 E) Please see me first for help or complaints.

This outline is subject to revision. Carefully follow announcements in class or online of any changes.