

THE UNIVERSITY OF WESTERN ONTARIO
DEPARTMENT OF PHILOSOPHY
Undergraduate Course Outline 2010-2011

Philosophy 2020 (001): BASIC LOGIC
Previously Philosophy 131

Summer Day – Summer 2011
M Tu W Th F — 11:00-1:30pm
Kresge Building K103

Instructor: Sheldon Chow
Contact email: schow55@uwo.ca
Office: Stevenson Hall 1139
Office hours: Tu & Th 1:30-2:30, or by
appointment

DESCRIPTION

This course is an introduction to the techniques and basic concepts of symbolic logic. The material studied will range from propositional logic to first order predicate logic. Students will be trained to use procedures and systems for determining logical properties and relations. This course presumes no previous knowledge of logic.

REQUIREMENTS

In addition to regular attendance at lectures and preparatory reading, the following will be required (dates TBA):

- Six problem-set assignments 30%
- One midterm exam 30%
- A cumulative final exam 40%

TEXT

Merrie Bergmann, James Moore, Jack Nelson. *The Logic Book*, 5th Ed. Boston: McGraw-Hill. Available at the bookstore.

OBJECTIVES

Students graduating from this course will understand the vocabulary and the basic logical concepts of sentential and predicate logic. They will be able to translate the logical features of sentences in natural language into the formalization of logic and use syntactic procedures to prove validity, entailment, equivalence, consistency, necessity, and contingency.

AUDIT

Students wishing to audit the course should consult with the instructor prior to or during the first week of classes.

The **Department of Philosophy Policies** which govern the conduct, standards, and expectations for student participation in Philosophy courses is available in the Undergraduate section of the Department of Philosophy website at <http://www.uwo.ca/philosophy/undergraduate/policies.html>. It is your responsibility to understand the policies set out by the Senate and the Department of Philosophy, and thus cannot be used as grounds of appeal.