

Symbolic Logic

Philosophy 150

Patrick Boleyn-Fitzgerald
Main Hall 101

Office Hours: Tuesdays and Thursdays 2:30-4:30 p.m., and by appointment.
832-7359

patrick.a.boleyn-fitzgerald@lawrence.edu

I. Purpose

In this class we will cover both sentential and predicate logic. We will study symbolization, syntax, semantics and derivations in each. Because both systems of deductive logic are used extensively in philosophy, this class is essential for philosophy majors. Learning logic is valuable to non-majors as well. It provides one with a unique and precise perspective on the English language as well as skill in evaluating arguments. This class satisfies the Quantitative Analysis General Education Requirement.

II. Text

Merrie Bergmann, James Moor, and Jack Nelson, *The Logic Book*, 4th Edition (McGraw-Hill).

III. Grading

Your final grade will be calculated according to the following:

Quiz Average 20%

Midterm Exam 40%

Final Exam 40%

(100-93 A, 92-90 A-, 89-87 B+, 86-83 B, 82-80 B-, 79-77 C+, 76-73 C, 72-70 C-, 69-67 D+, 66-63 D, 62-60 D-, 50-0 F)

Warning: the material that we will cover at the end of this class builds on material we cover in the beginning. Additionally, many find the later material more difficult than the earlier. As a consequence, it is not uncommon for students to begin the class with A or B work only to see their grades sharply fall by the end of the term. Do not get behind. Do not get complacent if you test well on early material.

IV. Schedule

For each day you should read the assigned section(s) before class, do all the exercises that are *not* marked with an *, and check your answers with the answers in the *Student Solutions CD-ROM*.

Mar 28: Introduction

Mar 30: Chapter 1

April 1: 2.1
April 4: 2.2
April 6: 2.3, 2.4
April 8: 3.1, **Quiz 1**
April 11: 3.2, 3.3
April 13: 3.4, 3.5
April 15: 5.1, **Quiz 2**
April 18: 5.2, 5.3
April 20: 5.4
April 22: 5.5
April 25: **Midterm**
April 27: 7.1, 7.2
April 29: 7.3, 7.4
May 2: 7.5
May 4: 7.6, **Quiz 3**
May 6: **Reading Period**
May 9: 7.7
May 11: 7.8
May 13: 7.9
May 16: 8.1, 8.2, **Quiz 4**
May 18: 8.3, 8.4
May 20: 8.5, 8.6
May 23: 10.1, 10.2
May 25: 10.3, **Quiz 5**
May 27: 10.4
May 30: **Memorial Day**
June 1: 10.5
June 3: 10.6

8:30 a.m. Tuesday, June 7: Final Exam