Syllabus

Philosophy 6 Logic in Practice
Fall 2014

Instructor: Rick Mayock

Required Text: Hurley, Patrick J., *A Concise Introduction to Logic*

Lectures will be delivered in the form of Modules that correspond to relevant sections of the text. Students are responsible for the following material from the text:

Chapter 1 Basic Concepts
1.1 Arguments, Premises and Conclusions
1.2 Recognizing Arguments
1.3 Deduction and Induction
1.4 Validity, Truth, Soundness, Strength, Cogency
1.5 Argument Forms: Proving Invalidity

Chapter 2 Language: Meaning and Definition
2.1 Varieties of Meaning
2.2 The Intension and Extension of Terms
2.3 Definitions and Their Purposes

Chapter 3 Informal Fallacies
3.1 Fallacies in General
3.2 Fallacies of Relevance
3.3 Fallacies of Weak Induction

Chapter 4 Categorical Propositions
4.1 The Components of Categorical Propositions
4.2 Quality, Quantity, and Distribution
4.3 Venn Diagrams and the Modern Square of Opposition
4.4 Conversion, Obversion and Contraposition
4.5 The Traditional Square of Opposition

Grading Procedure:

Grades will be determined by three exams and several assignments. Each exam will be worth 100 possible points, and the combined assignments will be worth a total of 100 points. The final grade will be determined by the total points earned in the exams and assignments (a possible 400 points).

Tentative Dates for Exams and Assignments:

- Assignment 1 9-17
- Assignment 2 10-1
- Assignment 3 10-8
- Exam 1 10-19
- Assignment 4 10-22
- Assignment 5 10-29
- Assignment 6 11-5
- Assignment 7 11-12
- Exam 2 11-16
- Assignment 8 11-26
- Assignment 9 12-3
- Assignment 10 12-10
- Exam 3 12-22