Philosophy 110 (Logic) Spring, 1997

Dr. Linville

Office: Language Hall 205A Office Hours: By appointment

Text: Hurley, A Concise Introduction to Logic (6th edition) Additional reading assignments will be in the form of handouts in class.

Reading Assignments:

Hurley

- 1.1 Arguments, Premises, and Conclusions 1
- 1.2 Recognizing Arguments 14
- 1.3 Deduction and Induction 31
- 1.4 Validity, Truth, Soundness, Strength, Cogency 42
- 1.5 Argument Forms: Proving Invalidity 53
- 1.6 Extended Arguments 61
- 2.1 Cognitive Meaning and Emotive Meaning 74
- 2.2 The Intension and Extension of Terms 85
- 2.3 Definitions and Their Purposes 91
- 3.1 Fallacies in General 117
- 3.2 Fallacies of Relevance 120
- 3.3 Fallacies of Weak Induction 138
- 3.4 Fallacies of Presumption, Ambiguity, and Grammatical Analogy 156
- 3.5 Fallacies in Ordinary Language 181
- 4.1 The Components of Categorical Propositions 199
- 4.2 Quality, Quantity, and Distribution 202
- 4.4 Conversion, Obversion, and Contraposition 216
- 4.5 The Traditional Square of Opposition 228
- 4.6 Venn Diagrams and the Traditional Standpoint pp. 236-239
- 4.7 Translating Ordinary Language Statements into Categorical Form 247
- 5.1 Standard Form, Mood, and Figure pp. 260-262
- 5.2 Venn Diagrams pp. 268-275
- 5.3 Rules and Fallacies 281
- 5.4 Reducing the Number of Terms 290
- 5.5 Ordinary Language Arguments 293
- 5.6 Enthymemes 296
- 5.7 Sorites 301
- 6.1 Symbols and Translation 308
- 6.2 Truth Functions 320
- 6.3 Truth Tables for Propositions 333

- 6.4 Truth Tables for Arguments 342
- 6.6 Argument Forms and Fallacies 354

Course Grade:

Quiz 10% -- February 4 (Tuesday)

First Examination 20% -- March 4 (Tuesday)
Second Examination 20% -- April 3 (Thursday)

Third Examination 20% -- April 29 (Tuesday)

Paper 20% -- Due April 15 (Details will be given in class.)

Quality of Class Presence 10%

Attendance:

After 2 unexcused absences, 2 points for each additional "cut" will be deducted from the examination average in the course.