Phil 122 – Winter 2024
Gila Sher
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T,Th 5-6:20 PM
Office Hour: Th 2-3 PM
Dept of Phil, room 0482

Topic: Logical Consequence

Prerequisite: Phil 120 or the instructor's permission

Grades: Midterm (1/3), Final (2/3)

Textbook: G. Sher – Logical Consequence (Bookstore)

Integrity Requirements in Force

Schedule of Classes & Readings:

T  1/9  Introduction to Class

Th 1/11  The Idea of Logical Consequence and other Preparatory Issues:
          Section 1 (pp. 1-4).

T  1/16  Tarski's Route from Truth to Logical Consequence:
          Section 2 (Opening), 2.1, 2.2 (pp. 4-8).

Th 1/18  Fundamental Adequacy Conditions and Failure of Substitutional Definition:
          2.3, 2.4 (pp. 8-11)

T  1/23  The Semantic, Model-Theoretic Definition: 2.5 (pp. 11-21)

Th 1/25  Cont.

T  1/30  Adequacy and Challenges: 2.6 (pp. 21-26).

Th 2/1  Partial Solution to the Necessity and Formality Challenges; Methodology:
        3.1, 3.2 (pp. 26-29)

T  2/6  Midterm

Th 2/8  General Invariantist Solution to the Logicality Challenge: 3.3 (pp. 29-40)

T  2/13  Cont.
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<td>Th 2/15</td>
<td>General Invariantist Solution to the Necessity and Formality Challenges: 3.4 (pp. 40-45)</td>
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<td>T 2/20</td>
<td>Philosophical Foundation of Logic and Features of Logical Consequence: 4.1, 4.2 (pp. 46-51)</td>
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<td>Th 2/22</td>
<td>The Normativity of Logic; the Status of the Invariance Criterion: 4.3, 4.4 (pp. 51-54)</td>
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<td>T 2/27</td>
<td>The Scope of Logic, Bivalence, and the Relation between Logic and Mathematics: 4.5, 4.6 (pp. 54-60)</td>
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<td>Th 2/29</td>
<td>Important Metalogical Theorems (including Completeness and Incompleteness): Confusions concerning Tarski: 4.7, 4.8 (pp. 60-64)</td>
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<td>T 3/5</td>
<td>Etchemendy's Criticism of the Semantic Definition of Logical Consequence and Response: Section 5 (opening), 5.1 (pp. 65-69).</td>
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<td>Field's Criticism of the Semantic Definition of Logical Consequence and Responses: 5.2 (pp. 69-72).</td>
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<td>Criticisms of the Isomorphism-Invariance Criterion of Logicality and Responses: Section 6 (opening), 6.1, 6.2 (pp. 72-85).</td>
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<td>Th 3/14</td>
<td>Cont. Preparation for Final</td>
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