

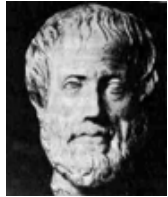
Phil 1200H- Logic and Reasoning

Spring 2010 * MWF 9 – 9:50 am * Middlebush 133

Instructor M. Johnson-Moxley

COURSE SCHEDULE

Draft October 2009

Text: Merrilee H. Salmon, *Introduction to Logic and Critical Thinking*, 5th EditionGraded Components

Mid-term exam	30%
Final exam	30%
Essay	10%
Class participation*	30%

* This component includes mock quizzes and in-class exercises

No	Date	Discussion
01	Jan 20	Course overview and expectations.
02	Jan 22	THEORIES OF TRUTH. Knowledge v. belief. Correspondence and coherence.
03	Jan 25	Relativism (subjectivism) v. objectivism
04	Jan 27	OBSERVATION. Descartes. Hume.
05	Jan 29	INDUCTIVE REASONING. Aristotle, <i>Posterior Analytics</i> .
06	Feb 1	Simple induction. Statistical syllogisms.
07	Feb 3	Analogical arguments.
08	Feb 5	Analogical arguments, cont'd.
09	Feb 8	Causal arguments.
10	Feb 10	Mill's Methods for Establishing Causal Claims.
11	Feb 12	Mill's Methods, cont'd.
12	Feb 15	Causal Fallacies.
**	Feb 17	No class- instructor out of town
**	Feb 19	No class- instructor out of town
13	Feb 22	Russell, "The Problem of Justifying Induction."
14	Feb 24	More inductive logical fallacies.
15	Feb 26	More informal logical fallacies.
16	Mar 1	The Fallacy Feud.
17	Mar 3	Review
18	Mar 5	Mid-term exam
19	Mar 8	DEDUCTIVE REASONING. Aristotle, <i>Prior Analytics</i> .
20	Mar 10	The sentential language. Transcribing English sentences.
21	Mar 12	Determining the truth values of sentences.
22	Mar 15	Logical equivalence.
23	Mar 17	Transcription and equivalence.
24	Mar 19	Determining the in/validity of arguments: truth tables.
25	Mar 22	Truth tables, cont'd.
26	Mar 24	Determining the in/validity of arguments: standard forms.
27	Mar 26	Deductive arguments forms, cont'd.
**	Mar 29	No class- Spring Break
**	Mar 31	No class- Spring Break
**	Apr 2	No class- Spring Break
28	Apr 5	Deductive argument forms, cont'd.
29	Apr 7	Using counter-examples to demonstrate invalidity.
30	Apr 9	Battle of the Logicians.
31	Apr 12	Overview of predicate logic
32	Apr 14	Predicate logic, cont'd.
33	Apr 16	Predicate logic, cont'd.
34	Apr 19	Boolean logic and information systems.
35	Apr 21	Frege. Russell and Whitehead. Wittgenstein.
36	Apr 23	GAME THEORY. Overview.
37	Apr 26	Game theory, cont'd.
38	Apr 28	Evaluating philosophical arguments.
39	Apr 30	Critical thinking: <i>The Daily Show</i> .
40	May 3	Course evaluations. Review.
41	May 5	Review
42	TBA	Final exam