

1 Class Assignments

Daily Schedule *Version 1.0*

Note: The following assignment schedule is subject to revision and is intended to be a general guide to the assignments this semester. The assignment written on the blackboard at the beginning of each class takes precedence over this schedule. As the semester progresses, for the most recent version of our class schedule, check <http://philosophy.lander.edu/scientificreas/assignment.html>. If an update is available, the version number will be a number higher than *Version 1.0*. In the “Date” column, the number after M, W, or F is the number of the class, counting from the beginning of the semester. In the Class Topic column, the subjects covered by that day’s class are listed, together with important due dates for assignments, quizzes, and papers. The Assignment column lists the day an assignment is assigned, *not* the day the assignment is due.

Assignment Schedule

Date	Class Topic	Assignment
01.05 W 1	Welcome to the Course Purpose of the Course What is Philosophy? Class Requirements	Study Syllabus 1-18. Obtain textbook Check out Scientific Reasoning Web Begin Syllabus Web Practice Sheet
01.17 F 2	The Structure of Arguments Premisses and Conclusions Diagramming Simple Arguments	Continue <i>Quiz 1</i> : Web Practice Sheet Study Copi 1-11; 16-21 Ex. 12-15: 1, 3, 4, 6, 20, 31 Ex. 21-23: 2, 3, 7, 12, 17 <i>Quiz</i> : Argument Indicators <i>Quiz</i> : Statements
01.20 M 3	Nonarguments and Explanations Diagramming Complex Arguments <i>Quiz</i> : Argument Indicators <i>Quiz</i> : Statements	Study Copi 26-31; 37-43 Sign up for <code>srhelp</code> Post message <i>mwforum</i> Ex. 45-46: 10, 11, 15, 16, 17, 19 <i>Quiz</i> Diagramming

Date	Class Topic	Assignment
01.22 W 4	Deduction and Induction Truth, Validity, and Soundness <i>Quiz</i> : Diagramming	Study Copi 50-57; Opt. 57-63 (Opt. especially Pre-Law) Syllabus Ex. Diagramming Opt <i>Quiz</i> : Copi 62: 2, Hats Problem
01.24 F 5	Review Structure of Arguments Opt. <i>Quiz</i> : Hats Due Help on Web Practice Sheet	Study Copi 68-73; 73-79 Syllabus Ex. Statements Continue Web Practice Sheet
01.27 M 6	<i>Class does not meet</i> Self-Directed Inquiry: Forms of Language Functions of Language	Study Copi 82-89 Syllabus Ex. Emotive Significance Continue Web Practice Sheet
01.29 W 7	<i>Class does not meet</i> Self-Directed Inquiry: Emotive Words	Study Copi 82-85 Syllabus Ex. Quotation (Inductive Thought Experiment)
01.31 F 8	Varieties of Disagreements Resolving Disputes	Study Copi 85-89 Ex. 91: 10-14 Syllabus Ex. Varieties of Disagreements <i>Varieties of Disagreements</i>
02.03 M 9	Emotive Significance Neutral Language <i>Quiz</i> : Varieties of Disagreements	Study Copi 92-94 Select Questions for Review Complete Web Practice Sheet
02.05 W 10	Review of Language Review of Arguments <i>Quiz</i> : Web Practice Sheets Due Student Directed Questions	Review for Test Study Copi 1-95 Chat 02.06 8-9 PM Syllabus: Review for Test I
02.07 F 11	<i>Test 1: Arguments and Language</i>	Study Copi 96-98
02.10 M 12	Nature of Fallacies Classification of Fallacies Equivocation; Begging the Question Complex Question; False Dichotomy	Study Copi 105-110 Ex. 103-105: 1-10 Prepare Fallacy Flash Cards

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Date	Class Topic	Assignment
02.12 W 13	Red Herring; Straw Man Division; Composition	Study Copi 111-120 Ex. 110-111: 1-10 Prepare Fallacy Flash Cards <i>Quiz: Fallacy, Part I</i>
02.14 F 14	Fallacies of Relevance Popular Appeal; Appeal to Au- thority Appeal to Ignorance; Appeal to Emotion Personal Attack <i>Quiz: Fallacy, Part I</i>	Study Copi 111-120 Ex. 120-121: 1-10 Prepare Fallacy Flash Cards
02.17 M 15	Inductive Fallacies Genetic Fallacy; Hasty General- ization False Cause; Slippery Slope Weak Analogy	Study Copi 132-137 Ex. 127-129: 1-10 Ex. 129-131: 1-20 <i>Quiz: Fallacy, Part II</i>
02.19 W 16	Purposes of Definition Types of Definition <i>Quiz: Fallacy, Part II</i>	Study Copi 137-144 Syllabus Ex. Types of Def- initions
02.21 F 17	Kinds of Meaning Techniques For Defining	Study Copi 144-154 Ex. 148: I: 1-5 <i>Quiz: Types of Definitions</i>
02.24 M 18	Rules for Definition by Genus and Difference <i>Quiz: Types of Definitions</i>	Study Copi 155-158 Ex. 158: II: 1-10 Ex. 160-161: III:1-10 Choose Paper or Project Topic
02.26 W 19	Review of Fallacies Review of Definition	Review for Test Study Copi 96-162 Chat 02.27 8-9 PM Syllabus Review Sheet Test II
02.28 F 20	<i>Test II: Fallacies and Definitions</i>	Study Copi 163-167 Complete First Draft of Paper or Project
03.03 M 21	Analogies Analogical Arguments Literary Analogies	Study Copi 163-167 <i>Quiz: Analogical Schema</i>

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03.05 W 22	Evaluating Analogical Arguments <i>Quiz: Analogical Schema</i>	Study Copi 171-176 Ex. 176-178: 1-5 Begin <i>Quiz: Paper or Project</i>
03.07 F 23	Refutation by Logical Analogy <i>Paper or Project Due</i>	Study Copi 183-185 Ex. 175-178: 1-5 Complete
03.10 03.14 03.17 M 24	<i>Spring Break</i> Causal Connections Necessary and Sufficient Conditions	 Study Copi 190-194 Ex. 194 all <i>Quiz: Necessary and Sufficient Conditions</i>
03.19 W 25	Mill's Methods of Experimental Inquiry Method of Agreement Method of Difference <i>Quiz: Necessary and Sufficient Conditions</i>	Study Copi 194-198; 200-203 Ex. 204: 2, 5
03.21 F 26	Mill's Methods Joint Method of Agreement and Difference	Study Copi 204-209 Ex. 209-210: 4 <i>Quiz: Method of Agreement</i>
03.24 M 27	Mill's Methods Method of Residues Method of Concomitant Variations <i>Quiz: Method of Agreement</i>	Study Copi 211-213; 215-218 Ex. 213-214: 2, 5 Ex. 218: 3 <i>Quiz: Method of Difference</i>
03.26 W 29	Review of Analogy and Mill's Methods <i>Quiz: Method of Difference</i>	Study Copi 221-226 Bring Questions to Class
03.28 F 29	Mill's Methods and Modern Science Review of Analogy and Mill's Methods Student Directed Questions	Review Copi 163-226 Syllabus: Review Test III Chat 03.30 8-9 PM
03.31 M 30	<i>Test III: Analogical Arguments and Mill's Methods</i>	Study Copi 235-238 Syllabus: Patterns

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Date	Class Topic	Assignment
04.02 W 31	Science and Value Theory Kinds of Explanations	Study Copi 238-244 Patterns: An Inductive Inquiry
04.04 F 32	Evaluating Scientific Explanations Relevance; Compatibility Predictive or Explanatory Power Simplicity	Study Copi 244-249 <i>Quiz:</i> Begin Email Pattern
04.07 M 33	The Detective as Scientist, Part I	Study Copi 249-257 Begin British Mystery
04.09 W 34	The Detective as Scientist, Part II	Re-Study Copi 249-257 Complete British Mystery
04.11 F 35	The Pattern of Scientific Investigation <i>Quiz:</i> Email Pattern Inquiry Completed	Study Copi 257-261
04.14 M 36	Crucial Experiments and <i>ad hoc</i> Hypotheses	Study Copi 261-266
04.16 W 37	Can There Be a Logic of Discovery? Problem Solving	Ex. 271-281: 3, 5, 6, 8, 9 <i>Quiz:</i> Complete Comments on Papers
04.18 F 38	Classification as Hypothesis Taxonomy and Event Description <i>Quiz:</i> Comments on Papers Due	Study Copi 267-270 Ex. 271-281: 13, 23, 26 Bring Review Questions to Class
04.21 M 39	Review For Science and Hypothesis	Review Copi 235-271 Review For Test IV Syllabus: Review Sheet Test IV Chat 04.22 8-9 PM
04.23 W 40	<i>Test IV: Science and Hypothesis</i>	Review Questions For Tests I - II
04.25 F 41	Review For Final Arguments; Language Fallacies; Definitions Student Directed Questions	Review Questions For Tests II-IV Web: Scientific Reasoning Assessment

Date	Class Topic	Assignment
04.28 M 42	Review For Final Analogy; Mill's Methods Science and Hypothesis	Review for Selected Exams <i>q.v.</i> , FAQ
04.07 W	Final Examination MWF 8:00-11:00 AM Section 01	Grades Posted within 48 hours