

Philosophy 240: Symbolic Logic
Fall 2008
Mondays, Wednesdays, Fridays: 9am - 9:50am

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Course Bibliography

Required Texts:

Patrick Hurley, Selections from *A Concise Introduction to Logic*, 10th edition, Wadsworth, 2008.
Jennifer Fisher, *On the Philosophy of Logic*, Wadsworth, 2008. See Fisher's "Further Readings" section for more suggestions on just about all of the topics below.

Other logic texts and readers:

Hughes, R.I.G. *A Philosophical Companion to First-Order Logic*. Hackett, 1992. A good selection of very good, advanced papers.
Hunter, Geoffrey. *Metalogic: An Introduction to the Metatheory of Standard First-Order Logic*. University of California Press, 1973. An excellent introduction to advanced logic, useful especially for the adequacy topic.
Jacquette, Dale. *Philosophy of Logic: An Anthology*. Blackwell, 2002. Includes many of the most important papers in the philosophy of logic over the last 100 years.
Mendelson, Elliott. *Introduction to Mathematical Logic*. Chapman & Hall, 1997. The classic text in advanced mathematical logic.
Quine, W.V. *From a Logical Point of View*. Harvard University Press, 1980. Abbreviated below as FLPV.
Read, Stephen. *Thinking about Logic*. Oxford, 1995.
Shapiro, Stewart, editor. *The Oxford Handbook of Philosophy of Mathematics and Logic*. Oxford, 2007. A survey of the contemporary scene.
Van Heijenoort, Jean. *From Frege to Gödel: A Source Book in Mathematical Logic, 1879-1931*. Harvard University Press, 1967.

Conditionals:

Bennett, Jonathan. *A Philosophical Guide to Conditionals*. Oxford University Press, 2003.
Carroll, Lewis. "A Logical Paradox." *Mind* 3:436-8, 1894.
Goodman, Nelson. "The Problem of Counterfactual Conditionals." In *Fact Fiction and Forecast*, Harvard University Press, 1983.
Harper, William, Robert Stalnaker, and Glenn Pearce. *Ifs*. Reidel, 1981. Lots of advanced papers, some quite technical.
Jackson, Frank. *Conditionals*. Oxford University Press, 1987.
Lewis, David. *Counterfactuals*. Blackwell, 1973.
Read, Chapter 3.

Three-Valued Logics

Aristotle, *De Interpretatione*. In *The Complete Works of Aristotle, vol. 1*, Jonathan Barnes, ed. Princeton University Press, 1984.
Bochvar, D.A. "On a three-Valued Logical Calculus and Its Application to the Analysis of the Paradoxes of the Classical Extended Functional Calculus." *History and Philosophy of Logic* 2: 87-112, 1981.
Dummett, Michael. "The philosophical basis of intuitionist logic". In *Philosophy of Mathematics: Selected Readings*, 2nd ed., Paul Benacerraf and Hilary Putnam, eds. Cambridge University Press, 1983. See also the selections by Heyting and Brouwer in the same volume.

- Kleene, Stephen. "On Notation for Ordinal Numbers." *The Journal of Symbolic Logic* 3.4: 150-5, 1938.
- Prior, A.N. "Three-Valued Logic and Future Contingents." *The Philosophical Quarterly* 3.13: 317-26, 1953.
- Putnam, Hilary. "Three-valued logic" and "The logic of quantum mechanics", in *Mathematics, Matter and Method: Philosophical Papers, vol. 1*. Cambridge University Press, 1975.
- Quine, W.V. *Philosophy of Logic*, 2nd ed. Harvard University Press, 1986.
- Quine, W.V. "The Ways of Paradox." In *the Ways of Paradox*, Harvard University Press, 1976. Read, Chapters 6 and 7.
- Russell, Bertrand . "On Denoting" and "Descriptions". In *The Philosophy of Language*, 5th ed., A.P. Martinich, ed. Oxford University Press, 2008.
- Williamson, Timothy. *Vagueness*. Routledge, 1994.

Propositions and Logical Truths

- Bealer, George. "Propositions." In Jacquette.
- Katz, Jerrold. *The Metaphysics of Meaning*. The MIT Press, 1990.
- Pap, Arthur. "The Laws of Logic." In Jacquette.
- Quine, W.V. *Philosophy of Logic*, 2nd ed. Harvard University Press, 1986.
- Read, Chapters 1 and 2.

Modal Logic

- Binkley, Robert. "The Surprise Examination in Modal Logic." *The Journal of Philosophy* 65.5: 127-136, 1968.
- Chellas, Brian. *Modal Logic*. Cambridge, 1980.
- Fitting, Melvin and Richard Mendelsohn. *First-Order Modal Logic*. Kluwer, 1999.
- Garson, James. *Modal Logic for Philosophers*. Cambridge, 2006.
- Lewis, David. "Counterpart Theory and Propositional Attitudes." In Jacquette.
- Nolt, John. *Logics*. Wadsworth, 1997.
- Nolt, John. "What are Possible Worlds?" In Jacquette.
- Quine, W.V. "Reference and Modality." In FLPV.

Adequacy

- Hunter, Chapter 21.
- Mendelson, §1.3.

Quine and Ontological Commitment

- Azzouni, Jody. "On 'On What There Is'." *Pacific Philosophical Quarterly* 79: 1-18, 1998.
- Quine, W.V. "Designation and Existence."
- Quine, W.V. "Existence and Quantification." In *Ontological Relativity and Other Essays*, Columbia University Press, 1969.
- Quine, W.V. "Logic and the Reification of Universals." In FLPV.
- Quine, W.V. "On What There Is." In FLPV.
- Quine, W.V. "Quantifiers and Propositional Attitudes." In Jacquette.

The Right Logic

- Hacking, Ian. "What is Logic?" In Hughes.
- Popper, Karl. "What Can Logic Do for Philosophy?" In Jacquette.
- Prior, A.N. "The Runabout Inference Ticket." *Analysis* 21: 38-9, 1960.
- Quine, W.V. *Philosophy of Logic*, 2nd ed. Harvard University Press, 1986.
- Tharp, Leslie. "Which Logic is the Right Logic?" In Jacquette.