

Modal Logic & Philosophy

Philosophy Prelim

UC Berkeley Logic Group

Supervised by Prof. Wesley Holliday

Syllabus

2017

Logics

“Modal Logic: A Semantic Perspective”

by Patrick Blackburn and Johan van Benthem in *Handbook of Modal Logic*

§2 of “First-Order Modal Logic” (The Basic Logics)

by Torben Braüner and Silvio Ghilardi in *Handbook of Modal Logic*

“Modal Foundations for Classical Logic”

by Johan van Benthem in *Modal Logic for Open Minds*

History

§§1-6 and §7.5 of “Mathematical Modal Logic: A View of its Evolution”

by Robert Goldblatt in *Handbook of the History of Logic*

§1 of “Basic Modal Logic” (Historical Overview) by R. A. Bull and K. Segerberg, and

pp. 83-86 of “Advanced Modal Logic” by M. Zakharyashev, F. Wolter, and A. Chagrov in *Handbook of Philosophical Logic*

§1 of “Modal Logic and Philosophy” (Alethic Modal Logic)

by Sten Lindström and Krister Segerberg in *Handbook of Modal Logic*

Necessity

“Identity and Necessity”

by Saul Kripke in *Philosophical Troubles*

“Counterfactuals and Comparative Possibility”

by David Lewis in *Journal of Philosophical Logic*

“Two Notions of Necessity”

by Martin Davies and Lloyd Humberstone in *Philosophical Studies*

Knowledge

“On Logics of Knowledge and Belief”

by Robert Stalnaker in *Philosophical Studies*

§§1-4 of “Individual Concepts in Modal Predicate Logic”

by Maria Aloni in *Journal of Philosophical Logic*

“Dynamic Epistemic Logic I and II”

by Eric Pacuit in *Philosophy Compass*