

Suggested readings (list and exact dates subject to change)

Oct 27:

- J.H. Lambert, Excerpts from *The Theory of Parallel Lines*.

Nov 10:

- G. Boole, Excerpts from *The Laws of Thought* (chapters 1-3 pp.1-51; in ch.1, §12-20 can be skipped or skimmed, bc they concern probabilities).

Nov 24:

- C.S. Peirce, “On the Algebra of Logic: A Contribution to the Philosophy of Notation”
- Leibniz, “Mathematical Logic”

Dec 1:

- G. Frege, “Begriffsschrift” (§§1-12),
- D. Waszek and D. Schlimm, “Calculus as Method or Calculus as Rules? Boole and Frege on the Aims of a Logical Calculus.”

Dec 8:

- Emily E. Constance Jones, “A New ‘Law of Thought’ and its Implications”,
- G. Frege, “Sense and Reference”

Dec 15:

- D. Hilbert, “Axiomatic Thought”
- D. Hilbert, “On the Infinite”

Dec 22:

- A. Turing, “On Computable Numbers, With an Application to the Entscheidungsproblem”

Jan 12:

- M. Davis, “Mathematical Logic and the Origin of Modern Computers”
- O. Shagrir, “Turing’s Computability” (ch.2 from *The Nature of Physical Computation*)

Also (given that there’ll be a make-up class):

- Juliet Floyd, “‘Surveyability’ in Hilbert, Wittgenstein and Turing”