

## Introduction and History

- Roll Call (Just for the first few classes)
- Syllabus line-by-line
- History
  - Aritotle’s Organon Prior Analytics (Syllogism)
  - Modus Ponens
  - Descarte’s argument for the existence of God
  - 1800’s attempts to formalize “arithmetik”
  - Frège’s Grundgesetze Der Arithmetik
  - Russel’s Paradox
  - Hilbert’s Program
- Syntax vs. Semantics
- Applications and Connections to Computer Science