

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”
 - Frëge’s Grundgesetze Der Arithmetik
 - Russel’s Paradox
 - Hilbert’s Program
- Syntax vs. Semantics
- Applications and Connections to Computer Science