

41045 Metalogic (3)

Knowledge

The students should consider various metatheorems, including soundness and completeness of propositional and predicate calculus.

Comprehension

Should be able to understand the undecidability of predicate calculus and incompleteness of the theory of arithmetic

Application N/A.

Analysis

N/A

Synthesis

N/A

Evaluation

N/A

Class Activities

To solve problems and prove Theorems in class.

Out of class Activities

To do homework.