The Department of Mathematics
2019–20–A term

Course Name  Logic

Course Number  201.1.6061

Course web page  https://www.math.bgu.ac.il/en/teaching/fall2020/courses/logic

Lecturer  Dr. Assaf Hasson, <hassonas@bgu.ac.il>, Office 204

Office Hours  https://www.math.bgu.ac.il/en/teaching/hours

Requirements and grading

Course topics

- An axiom system for predicate calculus and the completeness theorem.
- Introduction to model theory: The compactness Theorem, Skolem–Löwenheim Theorems, elementary substructures.
- Decidability and undecidability of theories, Gödel first Incompleteness Theorem.

Information may change during the first two weeks of the term. Please consult the webpage for updates