

The Department of Mathematics

2018–19–B term

Course Name Axiomatic Set Theory 1

Course Number 201.2.4281

Course web page

<https://math.bgu.ac.il/en/teaching/spring2019/courses/axiomatic-set-theory-1>

Lecturer Prof. Menachem Kojman, <kojman@bgu.ac.il>, Office 111

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

Abstract

Requirements and grading¹

Course topics

- The reflection theorem
- Mostowski collapse theorem
- Absoluteness of formulas
- The constructible universe
- Forcing
- Consistency of the negation of the continuum hypothesis
- Consistency of the negation of the Axiom of choice

¹Information may change during the first two weeks of the term. Please consult the webpage for updates