The Department of Mathematics  
2019–20–A term

Course Name  Algebraic Structures
Course Number  201.1.7031
Lecturer  Prof. Nadya Gurevich, <ngur@bgu.ac.il>, Office 110
Office Hours  [https://www.math.bgu.ac.il/en/teaching/hours](https://www.math.bgu.ac.il/en/teaching/hours)

Requirements and grading

Course topics

- Groups, the factor group and the homomorphism theorems, Sylow’s theorems and permutation actions of groups.
- Modules, structure theorems for finitely generated modules over a PID, application to finitely generated abelian groups and to the Jordan Canonical Form.

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