The Department of Mathematics
2020–21–B term

Course Name  Theory of Functions of a Complex Variable
Course Number  201.1.0251

Course web page

Lecturer  Dr. Daniel Disegni, <disegni@bgu.ac.il>, Office 108

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

Abstract

Requirements and grading

The grade is calculated based on 75% of the final exam and 25% of the cumulative grade.

- The final exam is mandatory and covers all material studied in the course.
- Grading includes the course content, including lectures, assignments, and practical work.
- Students who miss any lectures are responsible for completing the material missed.
- Home assignments are mandatory and must be submitted on time.
- The home assignments are an integral part of the course content.

Textbooks:
- Springer Analysis
- Complex Newman, Bak

Course topics

- Conformal mappings, Mobius transformations.

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

• The theorems of Weierstrass and of Mittag-Leffler. Entire functions. Normal families.