The Department of Mathematics
2019–20–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

Requirements and grading

The grade will be calculated as follows: 80% of the final grade will be determined by the exam, 20% of the grade will be determined by the cumulative performance throughout the course, including lectures, exercises and homework. Students who are absent three or more times – according to the lecturer. Examinations are conducted on the principle of the examination of the school, including the cumulative performance in the course. Students who are absent must make up the missed lectures.

Course topics

• Complex numbers. Analytic functions, Cauchy–Riemann equations.
• Conformal mappings, Mobius transformations.
• The theorems of Weierstrass and of Mittag-Leffler. Entire functions. Normal families.

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