Code : 6 Mathematics Part 2

ECTS Credits 2 Number of hours per week: 2+0+2

Forms of assessments: Types of assessment:

Exam Exam + written

Department : Section Mathematics, Department of Mathematics, Physics and Linguistic Education

Lecturer : Assoc. Prof. V.Ivanov

Annotation :

The content of Mathematics Part 2 uses knowledge achieved during Mathematics Part 1. Program consists following parts: Integral Computation, Uniform Differential Equations, Function of a Complex Variable, Possibility Theory and others. The target of the course is to define of terms treated and their implementation in the following parts of the course. Provided is also computer algebra training which gives opportunities for making easy the home training of the students.

Main parts of content :

* Integral Computation
* Differential Equations
* Complex numbers and function with a complex variable
* Possibility Theory.

Structure of educational process: Lectures and Laboratory exercises.