

Code: 6,,Mathematics Part 2”

ECTScredits: 2	Number of hours per week: 2+0+2
Forms of assessments: Exam	Types of assessment: Exam - written
Department, providing instruction on the discipline:	
Section: MATHEMATICS	
DEPARTMENT OF MATHEMATICS, PHYSICS AND LANGUAGE EDUCATION	

Lecturer: Assoc.Prof. V.Ivanov

Section: MATHEMATICS

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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 oif the students.

Main issues of the syllabus content:

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

Content presentation:

Lectures and Laboratory exercises.