

Study: Physics			
Type and level of studies: Bachelor studies			
Course name: Fundamentals of Programming			
Lecturer: Vučković Darko			
Status: Compulsory			
ECTS: 6			
Attendance prerequisites:			
Course aims			
Acquiring basic knowledge about the elements of computer programming.			
Course outcome			
The students are familiarized with the basics of PASCAL, and are informed about other software packages etc.			
Course content			
Theoretical Part			
1. Basic principles;			
2. Program. PASCAL language;			
3. Programs with a line structure;			
4. Programs with branched struct;			
5. Functions and procedures;			
6. Data types;			
7. Work with files;			
8. Latex;			
9. MatLab.			
Practical Part			
PRACTICAL EXERCISES: Practicing working on a computer.			
Literature			
1. Негован Стаменковић, Видосав Стојановић Рачунарство и програмски језици, издавач Природно-математички факултет Косовска Митровица, 2012			
Number of active classes			Other classes
Lectures: 2	Practical classes: 2	Other forms of teaching:	
Teaching methods			
Lectures (2 classes per week during the semester), exercises (2 classes per week during the semester).			
Assessment (maximum 100 points)			
Course assignments	points	Final exam	points
Lectures	10	oral exam	30
Two term papers	40		
Practical exercises	20	.....	
Total	70		30