Add	. 3		Course program fo	or the	e fi	rst, second and t	hird	level (cy	cle) of studi	es		
1.	Course title			Object-oriented Programming								
2.	Code					234						
3.	Study gro	tudy group(s)				Production Informatics						
1.	The organizer of the study program				Faculty of Mechanical Engineering - Skopje							
5.	(unit, institute, department)				<b></b> :,	First						
э. 5.		evel (first, second, third) .cademic year / semester			Second / winter 7. ECTS credits 6							
). 3.	Instructor				Emilija Celakoska			ECISC	realis	0		
).						Programming Languages						
0.	Course objectives (competences):					ogramming Lange	ugeo					
0.	Introduct	ion to da	ita structures, progi		ng constructions and techniques, and their							
11.	implementation using object-oriented programming language.											
11.	Using Java programming language: notions of classes, objects, methods, inheritance and											
10	polymorphism. Java programming of windows and graphics. Study methods: interactive lectures, laboratory practice (student work), project assignments,											
2.					rato	bry practice (stude	nt wo	ork), proje	ect assignmei	ntS,		
3.	Total hou		ments, self-learning			6 ECTS v 20 1	ouro	- 180 h	oure			
4.			oer activity:			6 ECTS x 30 hours = 180 hours 30 + 30 + 30 + 30 + 60						
5.	Hours allocation per activity:   Lectures/Lab 15.   15							- 00	30			
15.								30				
16.	Project Work/Assignments 16				· · · · · · · · · · · · · · · · · · ·			30				
				16.2				30				
				16.3		Self-learning				60		
17.	Points/M	arks:										
	17.1. Tests								50	0 points		
	17.2. Projects								40 points			
	17.3. Attendance									0 points		
18.	Grading scale				Under 50				5 (five) (F)			
						50-59				(six) (E)		
	Prerequisites for taking the final exam				60- 69points				7 (seven) (D)			
					70 -79points				8 (eight) (C)			
					80-89points				9 (nine) (B) 10 (ten) (A)			
19.					/	90- 100 points			10 (	ten) (A)		
	Language of Instruction					lacedonian						
20.	0											
21.	Course e	valuatio	n		S	Student questionnaire						
22.	Textbooks											
	Instruction materials											
		No.	Author			Title			Publisher	Y	'ear	
		1.	Liang Y.D.		Introduction to Java		P	rentice Hall	2007			
	22.1.				F	Programming						
		2.										
		3.						1				
	Supplemental Instruction Materials									I		
	22.2.	No.	No. Author			Title			Publisher Y		′ear	
		1.										