RSE N	/lateri	als							
<u> </u>			Year of st	study 2					
Trivoje Tario, prot.				` ′	1	S	F	F	
				(number of hours)		0	15	<u> </u>	
Compulso	ory			Percentage of application of e-learning					
		COUR							
Adopting basic knowledge of materials for the purpose of education in primary and									
None									
1. Define the types of chemical bonds and crystal systems 2. Explain the process of crystallization and characteristics of individual crystal structures 3. Analyze the basic phase diagrams 4. Define conditions occurrence of certain structural phase Fe-C alloy 5. Characterize polymer, composite and ceramic materials 6. Define the basic procedures of heat treatment of metal materials 7. List the basic properties and areas of application of certain technical materials 8. Explain methods of testing materials 9. Create awareness about the importance of recycling materials, their care, and environmental protection									
1. Introduction to the course and basic concepts 2. The structure of matter - the amorphous and crystalline structures 3. Crystallization of metals 4. Phase Diagrams 5. Phase diagram Fe-C 6. Iron, steel 7. Non-ferrous metals and alloys 8. Colloquium 9. Non-ferrous metals 10. Polymers 11. Ceramic materials 12. Composite materials, wood and stone 13. Heat treatment of materials 14. Material recycling, disposal of materials 15. Colloquium									
⊠ lectures □ independer □ seminars and workshops ⊠ multimedia □ exercises □ laboratory □ partial e-learning □ work with multimedia					nentor				
Class atte	class attendance, homework (programs), independent study and literature reading,						ading,		
Class attendand	е	2,5	Research		Practical train		g		
Experime work	ntal		Report		Colloquium		0,5		
Essay			Seminar essay		(Other)				
Tests			Oral exam	1	(Other)				
Written ex	Written exam 1 Pr		Project	ect		(Other)			
Class attendance is registered, but not included in the evaluation. Exam and partial exam consists of a theoretical part and assignments Theoretical exam (50%) - Assignments (50%) Passing threshold is 50%.									
Title					copies	copies in Availability vi			
G. Fučko, Materijali – predavanja (interna skripta) Deželić R, osnove konstrukcijskih materijala, Fesb, Split									
	PMT154 Hrvoje Tu Compulso Adopting secondar None 1. Define crystallizate basic phate Fe-C allowed basic properties and areas materials care, and 1. Introduce amorphous 5. Phase Colloquiu Compositive cycling, and lecture cycling, lecture cycling, care con line field with Class attendance accessing Class attendance accessing Class attendance work Essay Tests Written existence accessing Class attendance cycling attendance cycling accessing Class attendance cycling accessing Class attendance cycling accessing attendance cycling accessing accessing accessing Class attendance cycling accessing acces	PMT154 Hrvoje Turić, pr Compulsory Adopting basic secondary school None 1. Define the ty crystallization a basic phase dia Fe-C alloy 5. Creare, and environ amorphous and areas of apmaterials 9. Creare, and environ amorphous and 5. Phase diagra Colloquium 9. None composite mat recycling, disposite partial e-lear partial e-lear partial e-lear partial e-lear field work Class attendance Experimental work Essay Tests Written exam Class attendance exam consists of Assignments (5) G. Fučko, Mater Deželić R, osno	Compulsory COUR Adopting basic knowledge secondary schools None 1. Define the types of characterize basic phase diagrams 4. Fe-C alloy 5. Characterize basic procedures of heat and areas of application materials 9. Create awar care, and environmental 1. Introduction to the coulamorphous and crystallir 5. Phase diagram Fe-C 6. Colloquium 9. Non-ferrous Composite materials, worecycling, disposal of main in entirety partial e-learning in entirety partial e-learning ifield work. Class attendance, home accessing colloquium and class attendance is registed attendance. Experimental work Essay Tests Written exam Class attendance is registed attendance is registed attendance. Assignments (50%) Passignments (PMT154 Year of stt Hrvoje Turić, prof. Credits (E Type of in (number of Compulsory Percentage application) COURSE DESCRIF Adopting basic knowledge of materials secondary schools None 1. Define the types of chemical bonds crystallization and characteristics of in basic phase diagrams 4. Define condit Fe-C alloy 5. Characterize polymer, cobasic procedures of heat treatment of and areas of application of certain tech materials 9. Create awareness about to care, and environmental protection 1. Introduction to the course and basic amorphous and crystalline structures 3. Phase diagram Fe-C 6. Iron, steel 7. Colloquium 9. Non-ferrous metals 10. Composite materials, wood and stone recycling, disposal of materials 15. Co lectures seminars and workshops exercises on line in entirety partial e-learning field work Class attendance, homework (programaccessing colloquium and/or written and Class attendance 2,5 Research Experimental work Essay Seminar essay Tests Oral exam Written exam 1 Project Class attendance is registered, but no exam consists of a theoretical part and Assignments (50%) Passing threshold Title G. Fučko, Materijali – predavanja (interested) in the programa in the program	PMT154	PMT154 Year of study 2. Hrvoje Turić, prof. Credits (ECTS) 5,0 Type of instruction (number of hours) 30 Compulsory Percentage of application of e-learning COURSE DESCRIPTION Adopting basic knowledge of materials for the purpose of edusecondary schools None 1. Define the types of chemical bonds and crystal systems 2. crystallization and characteristics of individual crystal structure basic phase diagrams 4. Define conditions occurrence of certa edusic phase diagrams 4. Define conditions occurrence of certa and areas of application of certain technical materials 7. List t and areas of application of certain technical materials 8. Explamaterials 9. Create awareness about the importance of recycl care, and environmental protection 1. Introduction to the course and basic concepts 2. The struct amorphous and crystalline structures 3. Crystallization of metal care, and environmental protection 1. Introduction to the course and basic concepts 2. The struct amorphous and crystalline structures 3. Crystallization of metals of the course and basic concepts 2. The struct amorphous and crystalline structures 3. Crystallization of metals 5. Phase diagram Fe-C 6. Iron, steel 7. Non-ferrous metals are Colloquium 9. Non-ferrous metals 10. Polymers 11. Ceramic recycling, disposal of materials 15. Colloquium 2. Ilectures Image: Image	PMT154 Year of study 2.	PMT154 Year of study 2. Hrvoje Turić, prof. Credits (ECTS) 5,0 Type of instruction (number of hours) 30 15 15 15 15 15 15 15 1	

Optional literature (at the time of submission of study programme proposal)	Anzulović B., Materijali, FESB, Split					
Quality assurance methods that ensure the acquisition of exit competences	Conducting an anonymous student surveys, talk with students, analyses the success of students on tests and exams, self-assessment.					
Other (as the proposer wishes to add)						