No. 50

Course syllabus for First cycle studies					
1.	**Course title**	General and Inorganic Chemistry II			
2.	**Code**	MDE2M2			
3.	**Study Program**	Metallurgy Digital Engineering			
4.	**Study program organizer (unit, institute, department, division)**				
5.	**Degree (first, second, third cycle)**	First			
6.	**Academic year / semester**	II semester	7.	**Number of ECTS**	7
8.	**Instructors**	Gordana Ruseska, full professor, Biljana Angjuseva, full professor			
9.	**Prerequisites for course enrollment**	/			
10.	**Objectives of the course syllabus (competences):** **Acquired skills (competences):**				
11.	**Content of the course:** Solutions Quantitative Expression of the Composition of the Elements Solubility Diffusion and Osmosis Electrolytes and Electrolytic Dissociation Separation of Electrolytes (acids, bases and salts) Ion product of Water Product of Solubility Periodic Table of Chemical Elements 20. Hydrogen 21. Noble (inert gases) 22. s - block of the Elements 23. p – block of the Elements 24. d – block of the Elements 25. f – block of the Elements				
12.	**Study methods:**				
13.	**Total available time**				
14.	**Allocation of available time**				
15.	**Teaching activities**	15.1.			
		15.2.			
16.	**Other types of activities**	16.1.			
		16.2.			
		16.3.			
17.	**Grading system**				
	17.1.				

	17.2.		
	17.3.		
18.	**Grading criteria (points/grade)**	Up to 61 points	5 (five) (F)
		From 61 to 69 points	6 (six) (E)
		From 70 to 79 points	7 (seven) (D)
		from 80 to 89 points	8 (eight) (S)
		From 90 to 95 points	9 (nine) (B)
		from 95 to 100 points	10 (ten) (A)
19.	**Prerequisites for taking the final exam**		
20.	**Language in which lectures are conducted**		
21.	**Method for monitoring the quality of lectures**		
22.	**LITERATURE**		

22.1. Compulsory literature

No.	Author	Title	Publisher	Year
1.	N.N. Greenwood, A. Earnshaw	Chemistry of the Elements ISBN:9780750 633659		1997
2.	R. Chang, J. Overby	Chemistry ISBN: 9780076812141		2018
3.				

22.2. Additional literature

No.	Author	Title	Publisher	Year
1.	A. Smith	Introduction to general inorganic chemistry		2012
2.				
3.				