C O U R S E G U I D E – s h o r t f o r m

Academic year 2024 - 2025

Course name[1]	**RECOVERY TECHNOLOGIES FOR METAL WASTE**					Discipline code		**3 IPM 12**	
Course type[2]	**DS**	Category[3]	**DO**	Year of study	3	Semester	**5**	Number of credit points	**3**

Faculty	Material Science and Engineering	Number of teaching and learning hours[4]					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	IPM	**75**	**28**	**-**	**14**	**-**	**33**

Pre-requisites from the curriculum[5]	Compulsory	-
	Recommended	-

General objective [6]	Knowledge of the main categories of recoverable metal waste and the methods used for this purpose.
Specific objectives[7]	Accumulating basic knowledge on the quantity and variety of metal waste and the possibilities of recovering it.
Course description[8]	Categories of waste. Getting. Solid waste. General principles for the recovery of metallic waste. Recovery of electrical and electronic waste. Small and powdered waste preparation technologies. Technologies for processing and capitalizing aluminum and aluminum alloys, copper and steel alloys.

Assessment		Schedule[9]		Percentage of the final grade (minimum grade)[10]
A. Final assessment form [11] colloquium	Class tests along the semester	%	week	50 % (minimum 5)
	Home works	%		
	Other activities	%	week	
	Examination procedures and conditions: 1. Subject with open questions, working conditions oral, percent 100 %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	100 % (minimum 5)	week 14	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			50 % (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	**Conf.univ.dr.ing.habil. Andrei Victor Sandu**			
Teaching assistants	**Conf.univ.dr.ing.habil. Andrei Victor Sandu**			

[1]Course name from the curriculum
[2] DF – fundamental, DD – in the field, DS – specialty, DC – complementary (from the curriculum)
[3] DI – imposed, DO –optional, DL – facultative (from the curriculum)
[4] Points 3.8, 3.5, 3.6a,b,c, 3.7 from the Course guide – extended form (L-lecture, T-tutorial, LB-laboratory works, P-project, IS-individual study)
[5] According to 4.1 – Pre-requisites - from the Course guide – extended form
[6] According to 7.1 from the Course guide – extended form
[7] According to 7.2 from the Course guide – extended form
[8] Short description of the course, according to point 8 from the Course guide – extended form
[9] For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

[10] A minimum grade might be imposed for some assessment stages
[11] Exam or colloquium