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

Academic year 2017-2018

Course name[1]	**Industrial waste processing technologies. Substances and hazardous waste**					Course code		3ISI11DS	
Course type[2]	DS	Category[3]	DO	Year of study	3	Semester	5	Number of credit points	4

Faculty	Materials Science and Engineering	Number of teaching and learning hours[4]					
Field	Industrial Engineering	Total	L	T	LB	P	IS
Specialization	Security Engineering in Industry	84	28	-	28	-	28

Pre-requisites from the curriculum[5]	Compulsory	-
	Recommended	Chemistry, Materials Science and Engineering

General objective [6]	Acquiring and appropriate use of concepts and methods for the processing of hazardous industrial waste
Specific objectives[7]	Acquiring legislative rules on handling, storage and disposal of hazardous waste; Identify wastes and hazardous substances from industrial activities; Gaining theoretical methods for the handling, storage and processing of hazardous industrial waste;
Course description[8]	Industrial waste, categories,concepts, definitions; Sourcesof pollution,solid and liquidhazardous waste, gaseous substances; Transport, handling, processing and storage of dangerous substances; Hazardous waste processing technologies;

Assessment			Schedule[9]	Percentage of the final grade(minimum grade)[10]
Continuous assessment	Class tests along the semester		test, weeks 8-10	20%
	Activity during tutorials/laboratory works/projects/practical work		Weeks 1-14	30%
	Assignments		-	%
Final assessment	Final assessment form[11]	colloquium	Week 14	50%
	Examination procedures and conditions: Oral examination with minimum 2 open questions			

Course organizer	Lecturer phd. eng. Ioan Gabriel SANDU	
Teaching assistants	Lecturer phd. eng. Ioan Gabriel SANDU	

[1] Course name from the curriculum

[2] DF – fundamental, DID – 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