

COURSE GUIDE – short form

Academic year 2024-2025

Course name ¹	NOTIONS REGARDING SECURITY AUDIT IN INDUSTRY				Course code	4.ISI.13.DS-2				
Course type ²	DS	Category ³	DO	Year of study	4	Semester	8	Number of credit points	5	
Faculty	Material Science and Engineering				Number of teaching and learning hours ⁴					
Field	Industrial Engineering				Total	L	T	LB	P	IS
Specialization	Safety Engineering in Industry				125	28	14	-	14	69
Pre-requisites from the curriculum ⁵	Compulsory	-								
	Recommended	Occupational hazards caused by industrial employment system components (1), Occupational hazards caused by industrial employment system components (2)								
General objective ⁶	The introduction in the field of safety and health at work (OSH) of some concepts from the field of quality, such as the management system, the process-based approach and the audit, allowed, on the one hand, the systematic approach to OSH issues, and on the other hand bringing the OSH objectives into the same plan with the other requirements and objectives of the organization, related to quality, profitability, environmental protection, etc.									
Specific objective ⁷	The practice at the level of the European Union, to which Romania must align in its new capacity as a member state, pays special attention to the SSM audit, with its two components, the compliance audit and the system audit. In this context, the proposed aim of the course consists in the acquisition by the learners of all the necessary knowledge so that they can effectively control the workers' knowledge and compliance with the specific safety and health requirements within a work system									
Course descriptio ⁸	The main national legislative regulations regarding the audit in the field of safety and health at work, the conceptual framework of the audit in the field of safety and health at work, The methods used in Romania to carry out the compliance audit, The method of auditing compliance with the provisions of the legislation in the field of safety and health in work									
Assessment					Sche- dule ⁹	Percentage in the final grade (minimum grade) ¹⁰				
A. Final assessment form ¹¹ :	Class tests along the semester			50%	Week 7	50% (minimum 5)				
	Home works			%	-					
	Other activities			%	-					
Colloquium	Examination procedures and conditions: Probe 1: Oral examination with 2 subjects;			50% (minimum 5)	Session					
B. Seminar	Activity during seminar				20% (minimum 5)					
D. Project	Activity during project				30% (minimum 5)					

Course organizer	Lecturer. PhD. Eng. Mihai-Adrian BERNEVIG
Teaching assistants	Lecturer. PhD. Eng. Mihai-Adrian BERNEVIG