

COURSE GUIDE – short form

Academic year 2024-2025

Course name ¹	CONFORMITY OF TECHNICAL EQUIPMENT AND PERSONAL PROTECTIVE EQUIPMENT					Course code	4.ISI.10.DS-1		
Course type ²	DO	Category ³	DS	Year of study	4	Semester	7	Number of credit points	4

Faculty	Material Science and Engineering	Number of teaching and learning hours ⁴						
Field	Industrial Engineering	Total	L	T	LB	P	IS	
Specialization	Engineering Safety and Health at Work	100	28	-	14	-	58	

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	<p>Developing the practical sense and logical technical thinking in order to integrate the principles of safety and health in the work processes, by identifying and recommending the purchase and use of compliant protective equipment and work equipment. The assessment of the safety conformity of work equipment and personal protective equipment shall determine how an ET and PPE suitable for the activity carried out and the workplace should be chosen, so that the risks which they might entail in the system of work are reduced to a minimum.</p> <ul style="list-style-type: none"> The course aims to go through and explain the legal and technical regulations that require compliance with international and Community principles on the free movement of products on the market (which meet all the essential requirements), as well as by using them in complete safety (which meet all minimum requirements).
Specific objectives ⁷	<ul style="list-style-type: none"> The connection of the technical thinking with the economic thinking, so that the professional projects with specific identification and evaluation of the professional risks to be understood as an efficient possibility of achieving the production in optimal and quality conditions. Determination of the constructional parameters of PPE by standardised methods in order to identify the protective properties.
Course description ⁸	European and national legislative framework for the placing on the market of compliant products within the scope of competence of the Labour Inspection

Assesment			Schedule 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: Oral colloquium with 2 subjects from the theoretical part of the discipline.	50% (mini-mum 5)	week 14	
C. Laboratory	Acttivity during laboratory			50% (minimum 5)

Course organizer	Lecturer. PhD. Eng. Mihai BERNEVIG
Teaching assistants	Lecturer. PhD. Eng. Elena MATCOVSCHI

¹Course 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