

COURSE GUIDE – short form

Academic year 2021-2022

Course name ¹	Methodes fo Collective and Individual Protection in Industry				Course code		4ISI03DS		
Course type ²	DS	Category ³	DI	Year of study	IV	Semester	I	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 industry				96	28	14			54
Pre-requisites from the curriculum ⁵	Compulsory	-								
	Recommended	-								
General objective ⁶	Effective action to minimize the risk reduction can only occur if we decipher the intimate mechanism of interaction of factors in the labor process and performer. In this context the main objectives of the discipline are: <ul style="list-style-type: none"> • Understanding of preventive measures in health and safety at work; • Study of protective measures: technical, organizational, sanitary for achieving human security in the work, elimination, avoidance or reduction of risk factors action on the human body. 									
Specific objectives ⁷	<ul style="list-style-type: none"> • transmission of information on notions individual protection and collective on industry; • discussing and analyzing case studies on methods of protection in industry; • deepening the legislation on health and safety standards at work. 									
Course description ⁸	I. Introduction II. Reduce the risk of injury and occupational disease III. Organizational protection measures <ul style="list-style-type: none"> - Selecting and hiring personnel - Training, training, information, propaganda - Organize ergonomică systems muncă - Organizational risk prevention measure by mechanical - Safety signs Action programs IV. Technical protection measures <ul style="list-style-type: none"> - Intrinsically safe - Protective measure by colectivă - Protection individuală - Security barriers. Method butterfly knot 									
Assesment						Schedule ⁹	Percentage in the final grade(minimum grade) ¹⁰			
A. Final assessment form ¹¹ : Exam	Class tests along the semester				20%	week 7		70% (minimum 5)		
	Home works				%					
	Other activities				%					
	Examination procedures and conditions:exam.oral Probe 1: theoretical question; open questions of course, working conditions: oral; percent of the final grade: 40%; Probe 2: theoretical question; open questions of course, working conditions: oral; percent of the final grade: 30%; Probe 3: theoretical question; open questions of course, working conditions: oral; percent of the final grade: 30%;				50% (minimum 5)					
B. Seminar	Activity during seminar						30% (minimum 5)			
C. Laboratory	Activity during laboratory						% (minimum 5)			
D. Project	Activity during project						% (minimum 5)			

Course organizer	Associate Professor, Ph.D. Anișoara CORĂBIERU	
Teaching assistants	Asist.Diana Petronela BURDUHOS NERGIS	

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

⁹For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

¹⁰A minimum grade might be imposed for some assessment stages

¹¹Exam or colloquium