

COURSE GUIDE – short form

Academic year 2024-2026

Course name ¹	EMERGENCY MANAGEMENT					Course code	4.ISI.11.DS-1		
Course type ²	DS	Category ³	DO	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	Safety Engineering in Industry	100	28	14	-	-	58

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	<p>Development of practical sense and logical technical thinking in order to integrate safety and health principles into work processes based on thorough theoretical training.</p> <p>The objectives are:</p> <ul style="list-style-type: none"> • - to contribute to the reduction of tensions, in order to prevent their transformation into an emergency; • - to effectively manage the emerging crises, to prevent their transformation into conflicts between the elements of the system; • - to organize the appropriate measures for different types of emergencies, including the ability to deter actions against the elements involved; <p>- to control the reaction and, in case of conflicts, to prevent their escalation.</p>
Specific objectives ⁷	<ul style="list-style-type: none"> • Connecting technical thinking with economic thinking, so that professional projects are understood as an efficient possibility to achieve production in optimal and quality conditions.
Course description ⁸	Emergency situations, identification, causality

Assesment			Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	%		50% (minimum 5)
	Home works	%		
	Other activities	%		
	Examination procedures and conditions: 1. Written exam with 10 subjects from the theoretical part of the discipline.	100% (minimum grade 5)	Week 14	
B. Seminar	Activity during seminar			50% (minimum 5)

Course organizer	Lecturer PhD. Dr. Liviu Stafie	
Teaching assistants	Lecturer PhD. Dr. Liviu Stafie	

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