

COURSE GUIDE – short form

Academic year 2024-2025

Course name ¹	Specialty Practical Training					Course code	2ISI16DID			
Course type ²	DID	Category ³	DI	Year of study	2	Semester	4	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					120	-	-	120	-	-

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	<ul style="list-style-type: none"> The discipline aims to fix the practical elements studied at laboratory / seminar level to the disciplines in the curriculum corresponding to the second year of studies, especially the specialized disciplines, by exemplifying them in industrial practice.
Specific objectives ⁷	<ul style="list-style-type: none"> Connecting technical thinking with economic thinking, so the professional project must be understood as an efficient possibility to achieve production in optimal and quality conditions.
Course description ⁸	Scientific documentation and experimental application through the analysis of endowment and equipment schemes; technological manufacturing processes: casting, deformation, welding and heat treatments.

Assesment			Schedule ⁹	Percentage in the final grade(minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	%		100%
	Seminar / laboratory / project / practice activity	%		
	Home works	%		
	Tests and conditions for their development: 1. Theoretical knowledge, tasks, working conditions TEST GRID weight 70%; 2. Solving a security problem, tasks, working conditions ARGUMENTATION weight 30%.;	100% (minimum 5)	Week 14	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			% (minimum 5)
D. Project	Activity during project			% (minimum 5)

Course organizer	Lect. Eng. Mihai POPA	
Teaching assistants	Lect. Eng. Mihai POPA	

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