

COURSE GUIDE – short form

Academic year 2024-2025

Course name ¹	Technological devices 1					Course code	3ISI10DID-1			
Course type ²	DID	Category ³	DO	Year of study	3	Semester	5	Number of credit points	4	

Faculty	Science and Engineering of materials	Number of teaching and learning hours ⁴					
Field	Industrial Engineering	Total	L	T	LB	P	IS
Specialization	Safety engineering in industry	10	28		28		44

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	

General objective ⁶	Developing analysis/selection/synthesis abilities concerning various technical situations that require specific precision and/or security measures.
Specific objectives ⁷	<ul style="list-style-type: none"> Understanding devices peculiarities, specific devices for some technological processes (as precision and price). Gather and assurance conditions; according the solutions with risk level.
Course description ⁸	Precision, positioning, underpinning, gathering.

Assessment		Schedule ⁹	Percentage in the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	%	60% (minimum 5)
	Home works	%	
	Other activities	%	
	Examination procedures and conditions: Probe 1: Close ended questions, working conditions: orally; percent of the final grade 30%; Probe 2: Open ended questions, working conditions - orally; percent of the final grade 30%; Probe 3: Understanding a symbolic drawing of a device and representing a device in the symbolic mode: 40%.	100% (minimum 5)	
B. Seminar	Activity during seminar		
C. Laboratory	Activity during laboratory		40% (minimum 5)
D. Project	Activity during project		

Course organizer	Prof. Dr. Ing. Leandru-Gheorghe BUJOREANU
Teaching assistants	Lecturer Dr. Ing. 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

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