

COURSE GUIDE – short form

Academic year 2024-2025

Course name ¹	INVENTICS-BASE OF THE TECHNICAL CREATIVITY					Course code	TAIPM IA 113		
Course type ²	DS	Category ³	DO	Year of study	1	Semester	2	Number of credit points	4

Faculty	Materials Science and Engineering	Number of teaching and learning hours ⁴					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	TAIPM	100	14	-	14	-	72

Pre-requisites from the curriculum ⁵	Compulsory	Not applicable
	Recommended	Not applicable

General objective ⁶	Developing of the sociological, educational, pedagogical and psiho-gnoseological knowledge in the technical creativity field
Specific objectives ⁷	Using the logic-mathematical base there are used technical procedures and logical-inductive methods of the technical creativity field
Course description ⁸	Inventics, creative synthesis, Brainstorming, sinectics methods

Assesment			Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ :	Class tests along the semester	-%		80% (minimum 5)
	Home works	-%		
	Other activities	-%		
	Examination procedures and conditions: Probe 1: Subject with open questions working conditions oral; percent of the final grade 100%.	100% (minimum grade 5)	Week 14	
B. Seminar	Activity during seminar			-% (minimum 5)
C. Laboratory	Acttvity during laboratory			20 % (minimum 5)
D. Project	Activity during project			-% (minimum 5)

Course organizer	Lecturer PhD. Eng. Elena CHIRILĂ
Teaching assistants	Lecturer PhD. Eng. Elena CHIRILĂ

¹Course name from the curriculum

²DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

³DI – imposed, DO –optional, DL – facultative (from the curriculum)

⁴Points 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)

⁵According to 4.1 – Pre-requisites - from the Course guide – extended form

⁶According to 7.1 from the Course guide – extended form

⁷According to 7.2 from the Course guide – extended form

⁸Short 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

¹⁰ A minimum grade might be imposed for some assessment stages

¹¹ Exam or colloquium