C O U R S E G U I D E – s h o r t f o r m

Academic year 2024-2025

Course name[1]	**OBTAINING PARTS MADE BY SPECIAL PROCEDURES (1)**					Course code		TAIPM IA 102	
Course type[2]	DA	Category[3]	DI	Year of study	1	Semester	1	Number of credit points	5

Faculty	Material Science and Engineering	Number of teaching and learning hours[4]					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	TAIPM	125	28	-	14	-	83

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

General objective [6]	The objectives of the discipline are in line with those of the curriculum of the specialization - Advanced Techniques in Materials Processing Engineering - which aim to train a competent specialist in the field of designing materials used in technology, as well as their manufacturing technologies.
Specific objectives[7]	Acquiring specific terms, evaluation criteria and the mathematical apparatus necessary for designing technologies for obtaining castings through special processes; Acquiring knowledge regarding the laws and processes specific to the manufacture of castings through special processes; Acquiring the principles and rules underlying the processing and characterization of special castings; Stimulating interest in materials science and deepening knowledge in the field of casting manufacturing.
Course description[8]	Obţinerea pieselor prin turnare din cele mai vechi timpuri şi până în epoca modernă. Procedee speciale de turnare. Obţinerea pieselor turnate în forme metalice. Obţinerea pieselor prin procedee de turnare sub presiune. Turnarea centrifugă. Turnarea de precizie în forme coji. Obținerea prin turnare a bijuteriilor și a obiectelor de cult.

Assesment			Sche-dule[9]	Percentage of the final grade (minimum grade)[10]
A. Final assessment form [11]: Exam	Class tests along the semester	%		70% (minimum 5)
	Home works 1	10%	Week 14	
	Other activities	%		
	Examination procedures and conditions: Probe 1: working conditions oral; percent of the final grade 50%; Probe 2: working conditions; percent of the final grade 50%.	90% (mini-mum grade 5)	Exam period	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttvity during laboratory			30% (minimum 5)
D. Project	Activity during project			% (minimum 5)

Course organizer	Prof. Ph.D. Eng. Sergiu STANCIU	
Teaching assistants	Lecturer, Ph.D., Eng. Oana RUSU	

[1]Course 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