

COURSE GUIDE – short form

Academic year 2021 - 2022

Course name ¹	NANOMETRIC PROCESING SYSTEMS OF MATERIALS				Discipline code	2 SITM 02			
Course type ²	DA	Category ³	DI	Year of study	2M	Semester	3	Number of credit points	6

Faculty	Material Science and Engineering				Number of teaching and learning hours ⁴					
Field	Mechanical Engineering				Total	L	T	LB	P	IS
Specialization	SITM				28	14	-	14	-	

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	

General objective ⁶	The discipline presents the actually tendencies of nanometric processing of advanced materials
Specific objectives ⁷	Systematic thinking formation for realizing a connection between theoretical and aplicative side in obtaing and procesing nanomaterials domain through specific technologies
Course description ⁸	concepts, theories and specific methods enunciation for the right evaluation and corectly solutioning of technical problem in mechanical engineering

Assessment		Schedule ⁹		Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ colloquium	Class tests along the semester	%	week	50 % (minimum 5)
	Home works	%		
	Other activities	%	week	
	Examination procedures and conditions: 1. Subject with open questions, working conditions oral, percent 100 %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	% (minimum 5)	week 14	
B. Seminar	Activity during seminar		% (minimum 5)	
C. Laboratory	Acttivity during laboratory		50 % (minimum 5)	
D. Project	Activity during project		% (minimum 5)	
Course organizer	șef lucrări dr.ing. Achitei Dragos			
Teaching assistants	șef lucrări dr.ing. Achitei Dragos			

¹Course name from the curriculum

² DF – fundamental, DD – 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