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]	**Mechanics**					Course code		1. IMAT.09.DD	
Course type[2]	DD	Category[3]	DI	Year of study	1	Semester	2	Number of credit points	3

Faculty	Material Science and Engineering	Number of teaching and learning hours[4]					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	Engineering of Materials Processing	75	28	14	-	-	33

Pre-requisites from the curriculum[5]	Compulsory	
	Recommended	

General objective [6]	Students acquire a minimal luggage of engineering knowledge from the field of mechanics
Specific objectives[7]	Ability to understand the phenomena of mechanical movement and the calculation of some specific dimensions in the modeling of the behavior of points and material bodies in a cinematic and dynamic way.
Course description[8]	The principles of newtonian mechanics

Assesment			Sche-dule[9]	Percentage of the final grade (minimum grade)[10]
A. Final assessment form [11]: Exam	Class tests along the semester 2	25%	week 3 and 6	75% (minimum 5)
	Home works	%		
	Other activities	%		
	Examination procedures and conditions: Probe 1: Subject with open questions ; tasks answer to open questions; working conditions oral; percent 100 %.	75% (mini-mum grade 5)	Exam period	
B. Seminar	Activity during seminar			25% (minimum 5)
C. Laboratory	Acttvity during laboratory			% (minimum 5)
D. Project	Activity during project			% (minimum 5)

Course organizer	Lecturer Ph.D. Eng. Eugen CORDUNEANU	
Teaching assistants	Lecturer Ph.D. Eng. Eugen CORDUNEANU	

[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