

COURSE GUIDE – short form

Academic year 2021 - 2022

Course name ¹	FLUID MECHANICS					Discipline code	4EPI13			
Course type ²	DD	Category ³	DO	Year of study	2	Semester	1	Number of credit points	4	

Faculty	Material Science and Engineering					Number of teaching and learning hours ⁴					
Field	Mechanical Engineering					Total	L	T	LB	P	IS
Specialization	EPI					56	-	-	-	-	

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	

General objective ⁶	Introduction in the field of mechanics of liquid and gaseous aggregation state, reflection of the most important laws in technical applications, including hydropneumatic drive and automation circuits.
Specific objectives ⁷	Creating the skills specific to the engineering work: rigor, responsibility, compliance with deadlines, adaptability to changing conditions and problems...
Course description ⁸	By content and objectives, discipline is integrated curriculum objectives by completing the process of forming the professional skills of graduates in the field of equipment for casting.

Assessment		Schedule ⁹		Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹	Class tests along the semester	%	week	50 % (minimum 5)
	Home works	25 %		
	Other activities	25 %	week	
	Examination procedures and conditions: 1. -, working conditions -, percent %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	% (minimum 5)		
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			% (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	Lecturer Ph.D. eng. Viorel GRANCEA			
Teaching assistants	Assistent Ph.D. eng. Simona BALTATU			

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