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]	**EQUIPMENT FOR PLASTIC DEFORMATION (2)**					Discipline code		**4 IPM 05**	
Course type[2]	**DS**	Category[3]	**DI**	Year of study	4	Semester	**7**	Number of credit points	**3**

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

Pre-requisites from the curriculum[5]	Compulsory	-
	Recommended	-

General objective [6]	Construction, operation and design elements for forging-milling base machines: hammers, screw presses, mechanical and hydraulic presses, reducers for forging machines, special forging machines and mechanization and automation of forging equipment, reliability and aesthetics of the machines. Also, measures for the protection and safety of work in the forging are presented.
Specific objectives[7]	Free forging hammers, hammers molding, eccentric presses, friction presses, hydraulic presses, mechanization, automation, machine reliability, security and health protection at polling forge.
Course description[8]	Elements of forging technology. Forjre hammers. Screw presses. Mechanical presses. Hydraulic presses. Forged special construction machines. Mechanization and automation equipment of forging wards. Equipment reliability and aesthetics.

Assessment		Schedule[9]		Percentage of the final grade (minimum grade)[10]
A. Final assessment form [11] exam	Class tests along the semester	%	week	60 % (minimum 5)
	Home works	%		
	Other activities	%	week	
	Examination procedures and conditions: 1. Subject with open questions, working conditions oral, percent 50 %; 2. Subject with open questions, working conditions oral, percent 50 %; 3. -, working conditions -, percent %	100 % (minimum 5)	exam perio	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttvity during laboratory			% (minimum 5)
D. Project	Activity during project			40 % (minimum 5)
Course organizer	**Lecturer Ph.D. Eng. Manuela-Cristina PERJU**			
Teaching assistants	**Lecturer Ph.D. Eng. Manuela-Cristina PERJU**			

[1]Course 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