

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	DEFORMING METAL BY FORGING (II)					Codul disciplinei		4 IPM 06	
Course type ²	DS	Category ³	DI	Year of study	4	Semester	8	Number of credit points	7

Faculty	Material Science and Engineering	Number of teaching and learning hours ⁴					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	IPM	84	28	-	28	28	

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	Hot metal materials processing technologies in conventional forging mold / die, the specific equipment and technological design.
Specific objectives ⁷	Knowledge of forged materials, analysis of the concepts and methods of the forging process flows in the mold / die technology and design, in accordance with the quality, environmental and labor protection.
Course description ⁸	General. Stamping hammers, presses on rollers. Tools for forging molded. Deburring and punching molded parts. Drop forging equipment. Technological documentation in the forging die.

Assessment		Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester -	week	%
	Activity during tutorials/laboratory works/projects/practical work		50 %
	Assignments -	week	%
Final assessment	Final assessment form ¹¹	exam	50 % (minimum 5)
	Examination procedures and conditions: 1. Subject with closed questions ; tasks answer to open questions ; working conditions oral; percent 50 %; 2. Subject with closed questions ; tasks answer to open questions ; working conditions oral; percent 50 %; 3. - ; tasks - ; working conditions -; percent %;		

Course organizer	Lecturer Ph.D. Eng. Manuela-Cristina PERJU
Teaching assistants	Lecturer Ph.D. Eng. Manuela-Cristina PERJU

¹Course 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