

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	DEFORMING METAL BY FORGING (I)					Codul disciplinei		4 IPM 05	
Course type ²	DS	Category ³	DI	Year of study	4	Semester	7	Number of credit points	4

Faculty	Material Science and Engineering	Number of teaching and learning hours ⁴					
Field	Materials Engineering	Total	L	T	LB	P	IS
Specialization	IPM	42	28	-	14	-	

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	Hot metal materials processing technologies conventional forging free (discharge, stretching, drilling, twisting), the specific equipment.
Specific objectives ⁷	Knowledge of forged materials, analyze concepts and specific methods of forging free technology flows (discharge, stretching, drilling, twisting) the specific equipment in accordance with standards of quality, environmental and labor protection.
Course description ⁸	General. Materials forged. Cutting. Heating and cooling of forged. Forjability metals and alloys. Classification of plastic deformation depending on temperature. Technologies forging. Tools for forging. Forging equipment. Subsequent operations forging free.

Assessment		Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester 1	week 8	10 %
	Activity during tutorials/laboratory works/projects/practical work		30 %
	Assignments -	week	%
Final assessment	Final assessment form ¹¹	colloquium	60 % (minimum 5)
	Examination procedures and conditions: 1. Subject with open questions ; tasks answer to open questions ; working conditions oral; percent 100 %; 2. - ; tasks - ; working conditions - ; percent %; 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