

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	UNCONVENTIONAL TECHNOLOGIES FOR PLASTIC DEFORMATION (2)					Codul disciplinei		5 SITM 07	
Course type ²	DS	Category ³	DI	Year of study	1M	Semester	2	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	SITM					28	14	-	14	-	

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	

General objective ⁶	Developing professional and transversal competences required for the application and proper use of unconventional technologies of plastic deformation
Specific objectives ⁷	Unconventional technologies of plastic deformation by vibration activation, rotating deep-drawing, deep-drawing by stretching, deep-drawing by free-fall, for pressing of powder materials, of deforming of composite and non-metallic materials
Course description ⁸	Deformation technologies activated by vibrations, deep-drawing with interposed lead, rotary deep-drawing, deep-drawing by stretching, powder materials die forging, powder materials rolling, powder materials extrusion

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	colloquium	50 % (minimum 5)
	Examination procedures and conditions: 1. Subject with open questions ; tasks thematic approach ; working conditions oral; percent 100 %; 2. - ; tasks - ; working conditions -; percent %; 3. - ; tasks - ; working conditions -; percent %;		

Course organizer	Professor, Ph.D., Eng. Dorin LUCA	
Teaching assistants	Assistant Professor, Ph.D., Eng. Cătălin-Andrei ȚUGUI	

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