

COURSE GUIDE – short form

Academic year 2018 - 2019

Course name ¹	ASSISTED DESIGN OF HEAT TREATMENTS SECTORS					Discipline code		3 EPI 12		
Course type ²	DS	Category ³	DO	Year of study	3	Semester	6	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					42	28	-	14	-	28

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	The discipline proposes the making of relation between sistematic thinking and aplicative and theoretic side
Specific objectives ⁷	Based on simulation models can be realized functional simulations, which raise the qualitative level of students knowledges; the realization of this kind of project allows then a better integration in practice
Course description ⁸	Physical bases of heat treatments. Notions regarding technology and heat treatment equipments. Notions regarding preliminary and final heat treatments. Assisted projected software. Notions regarding assisted pc projection of heat treatment technology

Assessment		Schedule ⁹		Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ colloquium	Class tests along the semester	%	week	50 % (minimum 5)
	Home works	%		
	Other activities	%	week	
	Examination procedures and conditions: 1. Subject with open questions, working conditions oral, percent 50 %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	50 % (minimum 5)	week 14	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Attvity during laboratory			50 % (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	lecturer phd. eng Achitei Dragoş			
Teaching assistants	assistant phd. eng. Bălţatu Simona			

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