

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	TERMOTECHNICS (2)					Codul disciplinei		2 IPM 16	
Course type ²	DID	Category ³	DO	Year of study	2	Semester	4	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	Knowledge of basic thermotechnical phenomenon and of the specific processes that occur in heat sectors in regard to quantitative evaluation
Specific objectives ⁷	Knowledge, analysis and efficient usage of heating techniques as well as of the heat and mass transfer augmentation techniques.
Course description ⁸	termotechnics, application in materials science

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	exam period	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 %;			

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Teaching assistants	prof.dr.habil.ing. Alina Adriana MINEA	

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