

COURSE GUIDE – short form

Academic year 2021 - 2022

Course name ¹	TERMOTECHNICS (1)					Discipline code		2 SM 09	
Course type ²		Category ³	DI	Year of study	2	Semester	4	Number of credit points	5

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

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	

General objective ⁶	Knowledge of basic heat transfer and mass transfer 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	heat transfer, mass transfer

Assessment		Schedule ⁹		Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹ exam	Class tests along the semester	%	week	50 % (minimum 5)
	Home works	%		
	Other activities	10 %	week 14	
	Examination procedures and conditions: 1. Subject with open questions, working conditions oral, percent 100 %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	90 % (minimum 5)	exam period	
B. Seminar	Activity during seminar			50 % (minimum 5)
C. Laboratory	Activity during laboratory			% (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	prof.dr.habil.ing. Alina Adriana MINEA			
Teaching assistants	prof.dr.habil.ing. Alina Adriana MINEA			

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