

COURSE GUIDE – short form

Academic year 2021 - 2022

Course name ¹	THE RELIABILITY OF MACHINERY FOR WARM PROCESSING					Discipline code		3 EPI 14 DS	
Course type ²	DS	Category ³	DI	Year of study	3	Semester	6	Number of credit points	

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

Pre-requisites from the curriculum ⁵	Compulsory	
	Recommended	

General objective ⁶	Discipline overall trend shows no faults with current operating methods to increase the durability of these machines.
Specific objectives ⁷	- the formation of a systemic thinking for the realization of a connection between the theoretical side and the one applicable to the maintenance and diagnosis of modern systems by specific methods; - ensuring flexibility of student thinking and action, defining features of future specialist in mechanical engineering, in the context of market economy.
Course description ⁸	A special contribution brings practical part of the discipline through practical work carried out in specialized laboratories adequately equipped, looking for the application of modern techniques of analysis, acquisition and processing digital data to form continue the assimilation of skills to find appropriate technical solutions purpose in accordance with current quality standards.

Assessment		Schedule ⁹		Percentage of the final grade (minimum grade) ¹⁰
A. Final assessment form ¹¹	Class tests along the semester	%	week	50 % (minimum 5)
	Home works	20 %		
	Other activities	30 %	week	
	Examination procedures and conditions: 1. -, working conditions -, percent %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	% (minimum 5)		
B. Seminar	Activity during seminar		% (minimum 5)	
C. Laboratory	Activity during laboratory		% (minimum 5)	
D. Project	Activity during project		% (minimum 5)	
Course organizer	Lecturer Ph.D. eng. Viorel GRANCEA			
Teaching assistants	Assistent Ph.D. eng. Simona BALTATU			

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