C O U R S E G U I D E – s h o r t f o r m

Academic year 2024-2025

Course name[1]	MANUFACTURING TECHNOLOGY 1					Course code		2.EPI.17.DD-1	
Course type[2]	DD	Category[3]	DI	Year of study	2	Semester	1	Number of credit points	3

Faculty	Materials Science and Engineering	Number of teaching and learning hours[4]					
Field	Mechanical Engineering	Total	L	T	LB	P	IS
Specialization	Equipment for Industrial Processing	75	28	-	28	-	19

Pre-requisites from the curriculum[5]		
	Compulsory	Not the case
	Recommended	Not the case

General objective [6]	Developing students knowledge, way of thinking and technical and practical preparation in the field of mechanical processing, knowing of basic elements about the cutting technologies.
Specific objectives[7]	Knowing the main types of classic cutting processing technologies, of the way of achieving and at the same time understanding them from the prespective of potential risks.
Course description[8]	Technological system; structure of technological system; theoretic basis of surface generation by cutting; elements of cutting theory; technologiei of processing by: turning, drilling, milling, planing, mortising, grinding, broaching, honing.

Assesment			Sche-dule[9]	Percentage in the final grade (minimum grade)[10]
A. Final assessment form [11]: Exam	Class tests along the semester	0%		50% (minimum 5)
	Home works	0%		
	Other activities	0%		
	Examination procedures and conditions: Probe 1: closed question; oral examination; 50% Probe 2: closed question; oral examination; 50%	100% (minimum 5)	Exam period	
C. Laboratory	Activity during laboratory – open and closed questions.			50% (minimum 5)

Course organizer	Assoc. Prof. Ph.D. Eng. Gheorghe BĂDĂRĂU	
Teaching assistants	Assoc. Prof. Ph.D. Eng. Gheorghe BĂDĂRĂU	

[1]Course 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