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 2**					Discipline code		**3 EPI 10**	
Course type[2]	**DD**	Category[3]	**DI**	Year of study	3	Semester	**6**	Number of credit points	**4**

Faculty	Material Science and Engineering	Number of teaching and learning hours[4]					
Field	Mechanical Engineering	Total	L	T	LB	P	IS
Specialization	EPI	**100**	**42**	**-**	**14**	**-**	**44**

Pre-requisites from the curriculum[5]	Compulsory	
	Recommended	

General objective [6]	Development of professional skills in the field of materials investigation and manufacturing technologies through plastic deformation, mechanical processing or rapid prototyping in support of professional training.
Specific objectives[7]	Adequate and effective use of basic knowledge, criteria and methods specific to the field of mechanical engineering
Course description[8]	The discipline include theoretical and practical information on the basics of mechanical component manufacturing technologies, cold plastic deformation manufacturing technologies, rapid prototyping manufacturing technologies, non-conventional machining technologies in machine building and quality assurance in manufacturing processes.

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 100 %; 2. -, working conditions -, percent %; 3. -, working conditions -, percent %	100 % (minimum 5)	week 14	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Activity during laboratory			50 % (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	**Lecturer Dumitru-Doru Burduhos-Nergiș, Ph.D., Eng.**			
Teaching assistants	**Lecturer Dumitru-Doru Burduhos-Nergiș, Ph.D., Eng.**			

[1]Course 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