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

Academic year 2018 - 2019

Course name[1]	**AIDED DESIGN SECTORS PLASTIC DEFORMATION**					Discipline code		**3 EPI 11**	
Course type[2]	**DS**	Category[3]	**DO**	Year of study	3	Semester	**5**	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	**42**	**28**	**-**	**14**	**-**	

Pre-requisites from the curriculum[5]	Compulsory	-
	Recommended	-

General objective [6]	The assisted design of the plastic deformation sectors presents both classical methods and new methods that call for examples and virtual presentations of plastic processing processes / technologies on the computer system monitor.
Specific objectives[7]	Principles of assisted design of the plastic deformation sectors; databases used in assisted design of plastic deformation sectors; computer-aided design of plastic deformation sectors; applying ecological principles to the design of plastic deformation sectors.
Course description[8]	Current concerns in designing processing sectors. Databases used in assisted design. Computer Aided Design. Aided Design of plastic deformation technology flows. Ecological principles to the design of plastic deformation sectors.

Assessment		Schedule[9]		Percentage of the final grade (minimum grade)[10]
A. Final assessment form [11] colloquium	Class tests along the semester	%	week	60 % (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 %	60 % (minimum 5)	week 14	
B. Seminar	Activity during seminar			% (minimum 5)
C. Laboratory	Acttvity during laboratory			40 % (minimum 5)
D. Project	Activity during project			% (minimum 5)
Course organizer	**Lecturer Ph.D. Eng. Manuela-Cristina PERJU**			
Teaching assistants	**Lecturer Ph.D. Eng. Manuela-Cristina PERJU**			

[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