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

Academic year 2017-2018

Course name[1]	Automation applied în industrial processes					Course code		2ISI07DID	
Course type[2]	DID	Category[3]	DI	Year of study	2	Semester	4	Number of credit points	4

Faculty	**Materials Science and Engineering**	Number of teaching and learning hours[4]					
Field	**Industrial Engineering**	Total	L	T	LB	P	IS
Specialization	**SafetyEngineering in Industry**	72	28	-	28	-	16

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

General objective[6]	Development of knowledge, technical preparation and thinking in the field of mechanical processing, knowing the basics of machining technologies.
Specific objectives[7]	Knowing the major types of surface machining technologies in industrial practice, of the way of achieving as well as their understanding from the point of view of potential risk.
Course description[8]	Theoretical bases of surface generation by machining; kinematics of machining process; elements of machining theory; technologies of processing by: lathing, drilling, planning and grinding.

Assessment			Schedule[9]	Percentage of the final grade(minimum grade)[10]
Continuous assessment	Class tests along the semester			
	Activity during tutorials/laboratory works/projects/practical work – open questions		continuous	50%
	Assignments		-	-%
Final assessment	Final assessment form[11]	Exam	session	50%
	Oral Examination: 1. Closed question, oral response - 50%; 2. Closed question, oral response - 50%;			

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