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]	**MANUFACTURING AND DIAGNOSIS INDUSTRIAL SYSTEMS**					Discipline code		**5 SITM 08**	
Course type[2]	**DD**	Category[3]	**DI**	Year of study	1	Semester	**2**	Number of credit points	**3**

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

Pre-requisites from the curriculum[5]	Compulsory	
	Recommended	

General objective [6]	The discipline "Maintenance and diagnosis of industrial systems" presents the current general trend of diagnosis of industrial systems and advanced ma..
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 the future specialist in advanced technologies in the context of market economy
Course description[8]	Use of specialized knowledge (concepts, theories, methods) for carrying out technical evaluation activities on sustainable development in the field of advanced mechanical engineering.

Assessment		Schedule[9]		Percentage of the final grade (minimum grade)[10]
A. Final assessment form [11]	Class tests along the semester	25 %	week	50 % (minimum 5)
	Home works	%		
	Other activities	25 %	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	Acttvity 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**			

[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