

COURSE GUIDE – short form

Academic year 2017 - 2018

Course name ¹	ADVANCED METHODS IN MEASURING, COMMAND AND AUTOMATION					Codul disciplinei		1 TAIPM 04	
Course type ²	DS	Category ³	DI	Year of study	1M	Semester	1	Number of credit points	6

Faculty	Material Science and Engineering					Number of teaching and learning hours ⁴					
Field	Materials Engineering					Total	L	T	LB	P	IS
Specialization	TAIPM					28	14	-	14	-	

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	Knowing of the advanced techniques in measuring, control, command and adjustment of the hot plastic processing
Specific objectives ⁷	Automation theory, extremal adjusting, complex and optimal management of the processing, fiability, mentenability and using of the automation equipments
Course description ⁸	Automatic adjusting system, extremal adjusting, complex and optimal management of the processing

Assessment		Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester 1	week 8	10 %
	Activity during tutorials/laboratory works/projects/practical work		20 %
	Assignments 1	week	10 %
Final assessment	Final assessment form ¹¹	colloquium	60 % (minimum 5)
	Examination procedures and conditions: 1. Subject with open questions ; tasks answer to open questions ; working conditions oral; percent 60 %; 2. - ; tasks - ; working conditions - ; percent %; 3. - ; tasks - ; working conditions - ; percent %;		

Course organizer	Lecturer Phd.Eng.Elena CHIRILA
Teaching assistants	As.PhD.Eng.Catalin-Andrei TUGUI

¹Course 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