

COURSE GUIDE – short form

Academic year 2021 - 2022

Course name ¹	ADVANCED METHODS IN MEASURING, COMMAND AND AUTOMATION					Discipline code	TAIPM IA 104			
Course type ²	DA	Category ³	DI	Year of study	1M	Semester	1	Number of credit points	4	

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
A. Final assessment form ¹¹ colloquium	Class tests along the semester	-	%	80 % (minimum 5)
	Home works	-	%	
	Other activities	-	%	
	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	
B. Seminar	Activity during seminar			- % (minimum 5)
C. Laboratory	Acttvity during laboratory			20 % (minimum 5)
D. Project	Activity during project			- % (minimum 5)
Course organizer	Lecturer Phd.Eng.ELENA CHIRILĂ			
Teaching assistants	Lecturer Phd.Eng.ELENA CHIRILĂ			

¹Course 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