

COURSE GUIDE – short form

Academic year 2017-2018

Course name ¹	Technical Drawing and Infographics (2)					Course code	1IPM12DF			
Course type ²	DF	Category ³	DI	Year of study	1	Semester	2	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	Materials processing engineering	144	28	-	42	-	74

Pre-requisites from the curriculum ⁵	Compulsory	-
	Recommended	-

General objective ⁶	Applying the basic principles and methods of technical design in computer aided design.
Specific objectives ⁷	<ul style="list-style-type: none"> • Knowledge of principles of and basics of computer aided design editing and graphics processing for engineering objects. • Fundamentals of mathematical modeling and graphical representation of geometric objects. • Basic concepts of geometric wireframe, surfaces and solids modeling. • Using computer engineering graphics softwares.
Course description ⁸	Course, laboratory

Assessment		Schedule ⁹	Percentage of the final grade (minimum grade) ¹⁰
Continuous assessment	Class tests along the semester	7-th week	15 %
	Activity during tutorials/laboratory works/projects/practical work	Weekly	30 %
	Assignments	Semester	10 %
Final assessment	Final assessment form ¹¹	Exam	40 %
	Examination procedures and conditions: 1. Course theory 2 subjects; Oral examination		

Course organizer	Lecturer. PhD. Eng. AXINTE Mihai
Teaching assistants	Lecturer. PhD. Eng. AXINTE Mihai Univ. As. PhD. Eng. RUSU Oana

¹Course name from the curriculum

²DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

³DI – imposed, DO – optional, DL – facultative (from the curriculum)

⁴Points 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)

⁵According to 4.1 – Pre-requisites - from the Course guide – extended form

⁶According to 7.1 from the Course guide – extended form

⁷According to 7.2 from the Course guide – extended form

⁸Short 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