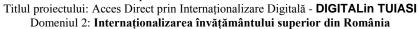


Ministerul Educației Naționale Universitatea Tehnică "Gheorghe Asachi" din Iași

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Codul proiectului: CNFIS-FDI-2018-0006





COURSE GUIDE - short form

Academic year 2017-2018

Course name	PROPERTIES AND MATERIALS SELECTION (1)					Course code 2IPM18DI			OIC
Course type	DID	Category	DO	Year of study	2	Semester	3	Number of credit points	4

Faculty	aculty Materials Science and Engineering		Number of teaching and learning hours					
Field Materials Engineering		Total	L	Т	LB	Р	IS	
Specialization Engineering of Materials Processing		42	28		14		54	

Pre-requisites from the	Compulsory	It is not necessary
curriculum	Recommended	It is not necessary

General objective	Knowledge, identification and utilization of the methods and equipment for testing, characterization and selection of materials.
Specific objectives	Knowledge of materials analysis methods in order to achieve the correlations between composition, structure, properties and uses of materials.
Course description	Properties of materials. Non-destructive testing of materials. Destructive testing of materials. Procedures for determining the composition and structure analysis.

	Assessment	Schedule	Percentage of the final grade (minimum grade)	
	Class tests along the semester Multiple choice test	Week 7	10%	
Continuous assessment	Activity during laboratory Oral answers (open questions) Practical demonstration (using laboratory equipment)		Week 1-14	40%
	Assignments			-
	Final assessment form	Colloquium	Week 14	
Final assessment	Examination procedures and conditions: 1. theoretical question; open questions of course, working conditions: oral; percent of the final grade: 50% 2. theoretical question; open questions of course, working conditions: oral; percent of the final grade: 50%			50%

Course organizer	Lecturer dr.eng. Monica LOHAN	
Teaching assistants	Assistant Professor Ph.D., Constantin MIREA	