

Basic data subject	
Academic unit:	Faculty of Architecture, Design and Wood Technology
Program:	Interior Architecture and Furniture Design
Course title:	Materials in the Interior
level:	Bachelor
Course status:	Mandatory
Year of studies:	I
Number of hours per week:	3
Value on credit - ECTS:	6
Subject teacher:	Prof. As. Dr. Ramadan Topuzi
Contact details:	ramadan.topuzi@ushaf.net
Course description:	The course deals with basic knowledge about the main materials applied in Interior and Exterior; including raw materials and auxiliary materials. Physical, mechanical and aesthetic and ecological characteristics of materials. Solid wood, its characteristics and use. Natural materials and variety of industrial ones. Wood panels. Wood-based tiles. Carpentry and fiber boards; types and uses. Metal and plastic materials. Clothing materials (textiles). Natural and artificial skins. Upholstered furniture filling materials. Metal and plastic accessories. Other non-timber materials. Architectural use of different materials in the Interior and their limitations.
Course objectives:	The course aims to prepare students with the necessary knowledge of materials used in the interior. Focuses on the types of natural and artificial (industrial) materials and their application. Features and their place-use. Their aesthetic, physical and mechanical qualities, including economic and ecological aspect. Comparison and alternative solutions.
Expected learning outcomes:	<ul style="list-style-type: none"> • At the end of the course the student should know: • Identifying characteristics of aesthetics, quality and use of treated materials; • Wood-based materials (wood panels, wood panels, MDF; melamine and veneer);

	<ul style="list-style-type: none"> • Organic materials and variety of industrial ones; • Different types and applications of glass and plexiglass. Statements and their application; • Various accessories applied in the production of furniture; • Interior clothing materials such as: leathers, fabrics, textiles; • Materials for the frames of "upholstered furniture" upholstery, springs, belts; • Filling materials; their aesthetic, elastic, hygienic, ecological properties, etc.; • • The use of materials in the Interior and their physical, mechanical, aesthetic, ecological properties.
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Contribution to student workload corresponding to student learning outcomes

Activity	Hours/Day	Week	Total
Lectures	2	14	28
Theoretical / laboratory exercises	1	14	14
Practical work	3	1	3
Contacts with the teacher / consultations	1	10	10
Field exercises	3	2	6
Test			
Homework	4	2	8
Student's own study time (in the library or at home)	4	12	48
Final preparation for the exam	4	8	32
Time spent on assessment (final exam)	1	2	2
Projects, presentations, etc.	1	1	1
TOTAL			152

Teaching methodology:	Lectures and exercises combined with case studies
Evaluation method:	Seminar paper (Project Course) 30% Final exam 70% The exam is held with open questions

Literature

Basic literature:	<ol style="list-style-type: none"> 1. Addington, D. Mishele; Schodek, Daniel L.: Smart Material and Technologies for the Architecture and Design Professions, Architectural Pres/Eslevier: Oxford, 2004 2. J. Rosemary Riggs. Materials and Components of Interiors Architecture (Eighth Edition); Diomoshi S, Konica A, Materiale ndihmëse në industrinë e drurit (1998)
Additional literature:	<ol style="list-style-type: none"> 1. Smart Materials in Architecture, Interior Architecture and Design, Riter, A. 2. Myer Kutz, Applied Plastics Engineering Handbook; Processing, Materials and Anplicaton, Second Edition 3. Lato E, Quku D, Studim druri (Struktura makroskopike dhe vetitë e drurit) 2008

Designed lesson plan:	
Week	The lecture to be held
First week:	Academic policies and etiquette:
Second week:	Massive wood and its physical-mechanical properties
Week third:	Glued wood panels
Week four:	Technical and decorative veneer. plywood
Week fifth:	Carpentry boards, OSB
Week sixth:	Fiber boards: MDF, HDF
Week seventh:	Metal materials in the interior; skeletons and springs
Week eighth:	Plastic materials and their application
Week ninth:	Filling materials
Week tenth:	Clothing materials; TEXTILES
Week eleven:	Natural and artificial skins
Week twelve:	Plexiglas, glass and mirrors
Week thirteen:	Metal, plastic, electrical accessories and their combination
Week fourteen:	Ceramics, marble and granite
Week fifteen:	Other industrial materials
Week sixteen:	New materials in architectural design