

Basic information on the subject	
Academic unit:	Faculty of Architecture, Design and Wood Technology
Program:	Design and Construction of Wooden Products
Title of the subject:	Wood finishing
Level:	Bachelor
Course Status:	Mandatory
Year of studies:	III
Number of hours per week:	3
Value of Credits - ECTS:	6
Course lecturer:	MSc. Lulzim Idrizi
Contact details:	lulzim.idrizi@ushaf.net

Course description:	
	This course will introduce students to: lustrous wood finish, types of lacquer, stains, the basics of wood staining, polishing and painting, the methods for applying lustrous material to wood, how to dry lacquer coats and improving the properties of lacquer coats on a wooden surface.
Objectives of the course:	
	The main objective of this course is to provide students with basic knowledge on wood finishing methods, introduce them to wood finishing equipment and lustrous materials.

Expected learning outcomes:	
	<p><i>Upon completion of this course, students will:</i></p> <ul style="list-style-type: none"> • know how to prepare wood for a lustrous finish; • be able to identify different types of lacquers and colors; • know the basics of staining, lustering and painting; • know about the methods of applying them to a wooden surface; • know about drying time and methods. <p>This module will also help students develop:</p>

	<ul style="list-style-type: none"> • communication and presentation skills, • teamwork skills, • skills on identifying problems during the lustering process • skills on identifying whether the problem is with the luster or wood.
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Contribution to the student load (which must correspond with learning outcomes)			
Activity	Hour	Day/Week	In total
Lectures	2	13	26
Theoretical exercises / laboratory	2	2	4
Internship			
Contacts with teacher / consultations	1	5	5
Field exercises			
Midterm, seminars and projects.	1	2	2
Homework	3	3	9
Studying (at the library or at home)	1	15	15
Final preparation for the exam	5	2	10
Time spent on evaluation (tests, quiz and final exam)	2	1	2
Projects and presentations	2	1	2
Total			150

Teaching methodology:	
	<i>Lectures and exercises combined with case studies, class discussions, and experiential learning in factories in the industry</i>
Assessment methods:	
	<ul style="list-style-type: none"> - Final exam: 80% - Attendance: 10% - Assignments: 10%
Literature	
Basic literature:	<i>[1] Agron Bajraktari, Pandeli Marku; Përpunimi Sipërfaqësor i Drurit</i>
Additional literature:	<p><i>[2] Hill, C (2006) Wood modification Chemical, thermal and other processes. John Wiley & Sons, Ltd.</i></p> <p><i>[3]. Callum A S Hill. Wood modification: chemical, thermal and other processes. Chichester, England; Hoboken, NJ : John Wiley & Sons, ©2006</i></p> <p><i>[4]. Brock, T, Grotklaes, M., Mischke, P. European coatings handbook. Hannover: Vincentz Verlag, 2000</i></p>

Designed learning plan:	
Week	Lecture
Week one:	Discussion of the syllabus and introduction to the course. Physical properties of wood materials.
Week two:	Sanding of wood and the appropriate equipment
Week three:	Preparing wood for finishing [1] 49-77
Week four:	Materials for wood finishing [1] page 15-32
Week five:	Materials for the application of luster [1] 91-141
Week six:	Materials for the application of luster [1] 91-1410
(Week seven:	Factory visit
Week eight:	Midterm exam
Week nine:	Drying luster coats [1] 145-163
Week ten:	Drying luster coats 165-173
Week eleven:	Mistakes in applying luster [1] 191-194
Week twelve:	Polishing luster surfaces
Week thirteen:	Methods of studying luster products [1] 227-232; 233- 235
Week fourteen:	Methods of studying luster coats [1] 235-252
Week fifteen:	Midterm exam

Academic policies and rules of conduct:

Attendance, maintaining order in the classroom and active participation in discussions during lectures are all mandatory.