

Basic dates of the Subject	
Academicals Unit:	Faculty of Architecture, Design and Wood Technology
Program:	Design and Construction of Wooden Products
Title of the Subject:	Restoration and Maintenance of Wood Products
Level of the study:	Bachelor
Status of the subject:	Mandatory
Year of the studies:	III
Number of hours per week:	3
Value on the credits - ECTS:	5
Time / location:	UASF
Teacher of the subject:	Kushtrim Cukaj
Contacting details:	kushtrim.cukaj@ushaf.net
Description of the Subject	
	Definition of the problem; Historical explanation of the objects; Explanations of the techniques for restoration of the old objects of wood; Removing of the final layer, basic building, joints, dismantling and mounting; Reviewing of the woods and their movements (trends), Reasons of failure; Repairing of the guidance of the damaged joints, Cleaners and conditioners; Preparing wood surface for final layer; Repairing and replacement of the technology, repairing of the veneers, repairing the damaged surfaces, repairing damaged wood, repairing and restoring all objects of wood. Techniques and methodologies of restoration. Maintenance of wooden objects.
Objective of the Subject	
	The objective of the subject is to treat and restore old objects of wood in the buildings with historical and cultural importance, and to bring parts of furniture or products of wood again in life/use. Showcases might have been walnut or cherry tree that are painted, perhaps this is oscillating chair old that has a broken leg or lost, a table with veneer lost in the top or simple another part of the family tree that has special meaning and has started to be damaged. Wooden objects with historical importance, cultural and social etc.

Expected results from learning:	<p><i>After finishing of this module, students will be able to:</i></p> <ul style="list-style-type: none"> • Be informed on procedures of maintenance and restoration of wooden objects. • Be informed on standards and legislation related to restoration of old objects with historical and cultural importance. • Understand the internal and external factors that damage wooden objects. • Receive additional knowledge over types of wood under influence of different factors. • Tools that are used for restoration. • Materials that are use for restoration. • Finalizing the restoration and maintenance.
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Contribution on the loading of the student (which has to correspond with results of the learning of the student)

Activity	Lectures/hours	Day/week	Total
Lectures	2	15	30
Theory/ lab exercises	2	15	30
Practical work			
Contacts with teacher/ consultations	1	6	6
Field exercises			
Seminars, study cases			
Homework			
Independent study of the student (library or home)	3	15	45
Final preparation for the examination.	3	4	12
Time consumed in evaluation (testing, quiz, final examination)	2	1	2
Projects, presentations, etc.			
Total			125

Methodology of teaching	
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	Lectures and exercise mixed with study cases and discussions in the labs and auditoriums.
Methods of evaluation	Final exam is rated 50% of the grade and 50% project. Exam is combined of questions with possible answers, open questions and one case of the study.
Literature	
Basic literature:	<i>The Ultimate Guide to Furniture Repair and Refinishing</i> by Brian D. Hingley <i>Restoring Antique Furniture – A Complete Guide</i> by Richard A. Lyons
Additional literature:	<i>Furniture Repair and Refinishing</i> by L Donald Meyers and Richard Demske
Designed plan of teaching:	
Week	Lecture that will be developed
<i>First week:</i>	How we start the restoration and maintenance. <ul style="list-style-type: none"> - Examination of the wooden object, - Identification of the type of the wood,
<i>Second week:</i>	Working tools and equipment used. <ul style="list-style-type: none"> - Working place, - Tools and equipment - Security
<i>Third week:</i>	Materials for repairing. <ul style="list-style-type: none"> - Mechanical joints, - Glues - Hard wood and veneer
<i>Fourth week:</i>	Tools for finishing and materials. <ul style="list-style-type: none"> - Materials for replacement of the finishing - Shredding paper - Prepared wooden materials - Finishing
<i>Fifth week:</i>	Structural restoration, I
<i>Week six:</i>	Structural restoration, II
<i>Week seven:</i>	Other restoration,
<i>Week eight:</i>	Restoration and repairing of old finishes,
<i>Week nine:</i>	Restoring small damages in the surface

<i>Tenth week:</i>	Exclusion and whitening of the wood
<i>Eleven week:</i>	, Restoring small damages in the wooden objects,
<i>Twelve week:</i>	Mbushja e strukturës së drurit&çngjyrosja,
<i>Week thirteen:</i>	Application of the finishes
<i>Week fourteen:</i>	Touchable finishes
<i>Week fifiteebn:</i>	Recapitulation and reviewing of the projects,

Academicals policies and rules of code of conduct
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<i>Regular attendance, being quite and engaged/active in dialog and during lectures and exercise is obligatory.</i>
