Basic data of the subject	
Academic Unit:	**Faculty of Architecture, Design and Wood Technology**
Program:	**Interior Architecture and Furniture Design**
Subject title:	**Gluing and finishing of wood**
Study level:	**Bachelor**
Subject status:	**Mandatory**
Years of study:	**III**
Number of hours per week:	**3**
Value of credits – ECTS:	**5**
Contact details:	
Detajet kontaktuese:	
Subject description:	The subject will have the following content: History of gluing development, advantages and disadvantages of gluing. Physical-chemical principles of adhesion, cohesion, surface moisture, temperature, hardening, pH etc. Classification of adhesives, designations and chemical composition. Technological process of gluing; preparation of material (wood) for adhesion, preparation of adhesive, jointing and pressing. Physical properties of wood and surface preparation for finishing. The process of forming the glaze film (layer), the types and characteristics of the glazing products. Methods for coating and hardening the glaze layers.
Purpose of subject:	The purpose of this subject is for students to gain knowledge of adhesion of interior parts by choosing appropriate adhesive types, pressing and hardening wood parts. Another purpose of the subject is surface treatment starting from the preparation of wood for polishing, layers, the type of polishing materials, methods for laying and hardening the polishing layers.
Expected learning outcomes:	After the succesful completion of this subject, students will be able to:

	• Prepare the elements for adhesion, select the adhesive, paint the elements and press (press) them. • Clean the leaked adhesive on the surface of the elements and zap them. • To choose the polishing material, to choose the method of coating and to choose the method of hardening the polishing layer.

Contribution to student workload (which should correspond to the students learning outcomes)			
Activities	**Hours**	**Days/week**	**Total**
Lectures	2	15	30
Theoretical / laboratory exercises	1	15	15
Practical work	3	2	6
Contacts to the Lecturer / Consultations			
Field exercises			
Tests, student seminars	1	2	2
Home work	2	11	22
Time of self-study (in the library or home)	2	15	30
Final preparation for the exam	1	1	15
Time spent in assessment (tests, quiz, final exam)	2	1	2
Projects, presentations, etc.	3	1	3
Total			**125**

Teaching methodology:	Lectures and exercises combined with case studies and classroom discussions.
Teaching methodology:	Regular attendance at lectures and exercises 10%. Test I and II 80%. Homework 10%. Final exam rated with 80% of the mark. The exam consists of optional answer questions or conceptual answer questions.
Literature	

Basic literature:	1. Dritan Ajdinaj dhe Pandeli Marku: Ngjitja e drurit, Tiranë 2008. 2. Agron Bajraktari dhe Pandeli Marku: Përpunimi Sipërfaqësor i Drurit, Prishtinë 2006.
Additional literature:	

Designed plan of teaching:	
Weeks	**Lecture to be held**
Week 1:	History of gluin and finishing, timber materials in the interior and their physical properties.
Week 2:	Physic-chemical principles of adhesion (adhesion and cohesion)
Week 3:	Types of adhesives and their characteristics.
Week 4:	Technological process of gluing
Week 5:	Pressure regimes during the process
Week 6:	Natural and artificial veneer
Week 7:	Test I
Week 8:	Preparation of wood surface for illustration
Week 9:	Preparation of wood surface for illustration
Week 10:	The process of forming the (layer) glaze illustration
Week 11:	The types of layers, their purpose and designations
Week 12:	Products for illustration (type and characteristics)
Week 13:	Methods for layering and hardening the layers of glaze (illustration)
Week 14:	Practical visit
Week 15:	Test II

Academic Policies and Rules of Conduct:
Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.