

Basic data of the subject	
Academic Unit:	Faculty of Architecture, Design and Wood Technology
Department:	Design and Constructions of Wood Products
Subject title:	Wood Constructions II
Study level:	Bachelor
Subject status:	Mandatory
Year of study:	II
Number of hours per week:	3
Value of credits - ECTS:	5
Lecturer of the subject:	Lulzim Idrizi
Academic Unit:	Lulzim.idrizi@ushaf.net
Subject description:	
	The course is designed to inform students about the Materials used in Wood Constructions for doors, windows, floors, walls, stairs, ceilings, wooden houses and roofs. Graphic presentation of materials used in Wood Constructions. Necessary constructive connections from solid wood and various wood-based boards. The various mechanisms used for their functional connections and manipulation. Construction of products based on massive wood products. Construction of products with a combination of solid wood, wood-based boards and glass. Analysis and evaluation of realized projects.
Purpose of subject:	
	The purpose of this subject is for students to gain the necessary knowledge about the types of constructions that are discussed in this subject. Recognize standard materials and present their form in constructions. To be able to construct and complete the product.
Expected learning outcomes:	
	After the successful completion of this course the student will be able to: <ul style="list-style-type: none"> • know how to choose the material and the means for the realization of the Construction.

	<ul style="list-style-type: none"> • know how to realize the Construction according to the standard of technical drawing. • be able to recognize the wood materials used in wooden constructions. • recognize and apply the relevant carpentry links in the appropriate places. • know how to completely construct the product and make it applicable in practice.
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Contribution to student workload

(which should correspond to the students learning outcomes)

Activity	Hours	Days/week	Total
Lectures	2	15	30
Theoretical / laboratory exercises	1	15	15
Practical work			
Contacts to the Lecturer / Consultations	1	12	12
Field exercises			
Tests, student seminars			
Home work	3	7	21
Time of self-study (in the library or home)	2	15	30
Final preparation for the exam	3	5	15
Time spent in assessment (tests, quiz, final exam)	2	1	2
Projects, presentations, etc.			
Total			125

Teaching methodology:

Lectures and exercises with graphic work combined with analyze cases and class discussion.

Assessment methods:

Regular attendance during lectures 10%.
Regular attendance during exercises and

	homework submission 30%. Practical visit 10%. Test I and II or final exam 50%.
Literature	
Basic literature:	1. Solid Wood: Case Studies on Mass Timber Architecture, Teknology and Design, by Josef Mayo, 2012. 2. Agim Binbashi, 'Konstruktionet e drurit' Tiranë, 1974. 3. Theodor Hugues, Ludwig Steiger, Johan Weber: Timber Construct Birkhauser, 2004.
Additional literature:	1. Laminated timber institute of Canada: Timber mesing manual, Ottava 1980. 2. Stjepan Tkalec-Silvana Prekrat: Konsukcije proizvoda od drva, Zageb.
Designed plan of teaching:	
Weeks	Lecture to be held
<i>Week 1:</i>	Introduction Doors - Types, their function and construction.
<i>Week 2:</i>	Windows - Types, their function and construction.
<i>Week 3:</i>	Wood-based wall facades.
<i>Week 4:</i>	Ceiling covering from wooden-based constructions
<i>Week 5:</i>	Construction of wood-based floors.
<i>Week 6:</i>	Practical visit to a company
<i>Week 7:</i>	Test I
<i>Week 8:</i>	Stair constructions
<i>Week 9:</i>	Wood house bases - Constructions.
<i>Week 10:</i>	Wood walls - Constructions.
<i>Week 11:</i>	Roofs from short distances -Constructions.
<i>Week 12:</i>	Roof from long distances - Gluing wood
<i>Week 13:</i>	Practical visit
<i>Week 14:</i>	Practical visit
<i>Week 15:</i>	Test II.
Academic Policies and Rules of Conduct:	
<i>Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.</i>	

