

Basic data of the subject			
<b>Academic Unit:</b>	Faculty of Architecture, Design and Wood Technology		
<b>Program:</b>	Design and Constructions of Wooden Products		
<b>Subject title:</b>	Furniture Manufacturing Technologies		
<b>Study level:</b>	Bachelor		
<b>Subject status:</b>	Mandatory		
<b>Years of study:</b>	II		
<b>Number of hours per week:</b>	3		
<b>Value of credits - ECTS:</b>	5		
<b>Time / location:</b>	UASF		
<b>Lecturer of the subject:</b>	Prof. Asoc. Dr. Muhamet Ymeri		
<b>Contact details:</b>	muhamet.ymeri @ushaf.net		
<b>Subject description:</b>			
	This subject will introduce students to: the basics of cutting theory, wood sawing machines, woodworking machines, milling machines, drilling, sanding, bending, cutting, etc. Also, the students through this subject will be informed about the production process, processing accuracy, surface accuracy, formation of the Technological Charter, etc.		
<b>Purpose of subject:</b>			
	The purpose of this subject is to equip students with basic knowledge about woodworking machines, their order in the technological line and the accuracy of processing.		
<b>Expected learning outcomes:</b>			
	<p>After the successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>• Know the basics of wood cutting theory, Cutting strength, cutting power, specific work.</li> <li>• Know about machines for timber sawing , sawing assortments in mechanical processing.</li> <li>• Have knowledge about grinding machines and milling machines, turning machines, separation and use.</li> <li>• Know about pressing, sanding and bending machines.</li> <li>• Know how to order machines in the technological line and to control the accuracy of processing</li> </ul>		
<b>Contribution to student workload (which should correspond to the students learning outcomes)</b>			
<b>Activity</b>	<b>Hours</b>	<b>Days/week</b>	<b>Total</b>

Lectures	2	13	26
Theoretical / laboratory exercises	1	13	13
Practical work			
Contacts to the Lecturer / Consultations	1	10	10
Field exercises	2	2	4
Tests, student seminars	1	2	2
Home work	1	15	15
Time of self-study (in the library or home)	4	7	28
Final preparation for the exam	2	13	26
Time spent in assessment (tests, quiz, final exam)	2	1	2
Projects, presentations, etc.	-	-	
<b>Total</b>			<b>126</b>

<b>Teaching methodology:</b>	Lectures and exercises combined with case studies, class discussions and practical work in factories that deal with this activity
<b>Assessment methods:</b>	Assessment: - 10% attendance of the grade. - Final exam assessed with 60% of the grade and - Assignments 30%
<b>Literature</b>	
<b>Basic literature:</b>	[1] Mr.Sc. Osman Osmani "Makinat dhe Instrumentat Prerëse" Prishtinë [1] Autore:Prof.as.Dr. Pandeli Marku, Prof. Dr. Sotir Dimoshi "Teknologjia e Përpunimit Mekanik të Drurit" Tiranë 2004
<b>Additional literature:</b>	[1] Prof. Dr. Sotir Dimoshi "Makinat dhe Instrumentat Prerës" Tiranë 2006 [2] Mr sc Osman Osmani "Teknologjia e finalizimit të drurit" Prishtinë

<b>Designed plan of teaching:</b>	
<b>Weeks</b>	<b>Lecture to be held</b>

<b>Week 1:</b>	Syllabus discussion and introduction to the subject Basics of wood cutting theory
<b>Week 2:</b>	Woodworking tools
<b>Week 3:</b>	Wood sawing machines
<b>Week 4:</b>	Engravers, milling machines and drilling machines.
<b>Week 5:</b>	Turning, sanding, pressing machines and veneer <del>preparation machines</del>
<b>Week 6:</b>	Visit to the factory
<b>Week 7:</b>	Internal intermediate evaluation
<b>Week 8:</b>	Theoretical bases of woodworking technology
<b>Week 9:</b>	Materials for furniture products
<b>Week 10:</b>	Interchangeability of production and its provision.
<b>Week 11:</b>	Mechanical machining accuracy
<b>Week 12:</b>	Formation of surfaces in parts of details.
<b>Week 13:</b>	Mechanical processing technological cards.
<b>Week 14:</b>	Visit to the Factory
<b>Week 15:</b>	Internal intermediate evaluation.
<b>Academic Policies and Rules of Conduct:</b>	
<i>Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.</i>	