

Course/Subject/Unit Description

1. General Information			
School		School of Design Sciences	
Department		INTERIOR ARCHITECTURE	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	EA712	SEMESTER	
SUBJECT TITLE		Furniture Design III	
Teaching Content	Weekly (Hrs)	Credits	
Lectures, Essays, Design Workshops/Excercises, Design Project – Portfolio of work.	1	3	
	2		
Type of Subject		Mandatory Choice ME	
PREREQUIRED COURSES		No	
Teaching and Exams Language		Greek	
THE COURSE IS OFFERED TO ERASMUS STUDENTS		Yes	
Course website (URL)		https://ia.ihu.gr/ea712/	

2. Aims and Objectives – Methods – Skills

a. Learning Outcomes

Development of the design and industrial manufacturing methodology of the furniture Design and manufacturing methodology of indoor and outdoor furniture.
Design and construction of spatial utilitarian compositions of interior and public urban spaces.

β. Skills

- Search, analysis and synthesis of data and information,
- Autonomous work
- Exercise criticism and self-criticism
- Understanding of construction technique
- Understanding the concept of assembling an object
- Design and industrial production
- Organization of industrial production
- Promotion of free, creative and inductive thinking
- Application of knowledge in practice

3. Subject Context

The theoretical analysis of the furniture manufacturing methodology.
Furniture design & ergonomic study. Design and production process. Manufacturing processes.
Characteristics of furniture manufacturing materials (plastics, polycarbonates, wood and metals).
Design and construction of spatial utilitarian compositions of interior and public urban spaces. Construction of equipment - furnishing of urban areas.
Applications of theoretical furniture in visual spaces.
Furniture and construction design with digital design (construction & perspective drawings, presentation with virtual tour applications,)
Compilation of technical specifications and certification documents for furniture and

their accessories, and spatial utilitarian compositions of urban spaces.

4. Teaching and learning methods – Evaluation and assessment

<ul style="list-style-type: none"> - Theory and Design Workshops – Main Project Brief/ Site visits - Group Appraisal /Site Analysis - Theory Essay and Design Exercises - Interim Reviews - Project Final Pin Up - Portfolio Hand In. 	Face to face Digital furniture design applications, assembly site representation, drafting specification issues	
Use of Information and Communication Technologies	design applications, drafting specification issues	
Teaching organization	Activity	Semester Credits
	Lectures	10
	Theory Essay	40
	Design Workshop and Exercises	10
	Main Design Project	10
	Research and Analysis of Bibliography	5
	Total	75
<i>Student assesment</i>	Written Examination, Laboratory Work Project Presentation, Compilation of portfolio	

5. Recommended/ Bibliography

- Αλεξίου Π., Ζαμβακέλης Π., Το Ελληνικό Έπιπλο και οι Δημιουργίες του Μανώλη Μάινα, Εκδ. Αδαμ, Αθήνα 2002
- Παρμενίδης Γ., Ρουπλ Ε., Το Αστικό Έπιπλο στην Ελλάδα 1830-1940, Εκδόσεις ΕΜΠ, Αθήνα 2003
- Archittonic, Looking for the Best Chairs, Παπασωτηρίου, Αθήνα 2007
- Slackl, What is a Product Design, Παπασωτηρίου 2006
- Habeggar J., Osman S., Sourcebook of Modern Furniture, Amazon 2004

Συναφή επιστημονικά Περιοδικά