

Course/Subject/Unit Description

1. General Information			
School		School of Design Studies	
Department		INTERIOR ARCHITECTURE	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	EA512	SEMESTER	5
SUBJECT TITLE		Industrial Design II	
Teaching Content	Weekly (Hrs)	Credits	
Lectures, Essays, Design Workshops/Exercises, Design Project – Portfolio of work.	3	3	
Type of Subject	Choice subject		
PREREQUIRED COURSES	No		
Teaching and Exams Language	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	Yes		
Course website (URL)			

2. Aims and Objectives – Methods – Skills
a. Learning Outcomes
Practicing the study of rendering problems in utilitarian and decorative objects that serve the needs of daily practice (work, industry, household, education). The methodology of rendering form in products of decoration, in handicraft and industrial production. Manufacturing procedures. Feasibility study of industrial products. Technical specifications and certification of industrial product.
b. Skills
<ul style="list-style-type: none"> • Student assessment • Exercise criticism and self-criticism • Understanding of construction technique • Understand the concept of assembling an object • Promoting the creative thinking • Application of knowledge in practice

3. Subject Context
<p>Applications of design theory to specific objects for the purpose of their production. Detailed design of objects. Evolution of each object from its handicraft, handicraft and industrial form. Design procedures and production. Shape, materials, color. Stereometry in the service of industrial shaping. Industrial aesthetics.</p> <p>The methodical design of the form of industrial products. Techniques presentation of the form of an industrial product (concept reporting and visualization). Modern technology and industrial design. The system and methodology in modern industrial formatting. The mission and meaning of design management. The role of the industrial designer in modern decoration.</p> <p>Electronic design technology and morphological research tools of the industrial product. Principles of standardization, "series" of a product and commercial aesthetics. Cost-benefit analysis in the implementation of the form of an industrial product.</p>

Technical specifications and certification of industrial product. Feasibility study.

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. 		
Use of Information and Communication Technologies	Digital tools in industrial design applications	
Teaching organization	Activity	Semester Credits
	Lectures	10
	Theory Essay	
	Design Workshop and Exercises	40
	Main Design Project	25
	Research and Analysis of Bibliography	
	Total	75
<i>Student assessment</i>	Exercises in industrial design, Exams, Project	

5. Recommended/ Bibliography

- Κουζέλης Α., Στοιχεία Βιομηχανικού Σχεδιασμού και Μορφοδοσίας Προϊόντων Χρήσης, Αθήνα 2008
- Thackara J., Design after Modernism, 1992
- Pile J., Dictionary of 20th Century Design, 1990
- Pile J., Design, Purpose and Meaning, 1979
- Πολλάλης Γ., Πατρινός Δ., Βιομηχανικό Marketing, 1999
- ΕΛΟΤ, Γενικός Κανονισμός Πιστοποίησης & Διασφάλισης Ποιότητας, Αθήνα 1993