Course/Subject/Unit Description

1. General Information			
School		School of Design Studies	
Department		INTERIOR ARCHITECTURE	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	**EA611**	SEMESTER	**6**
SUBJECT TITLE		**Industrial Design III**	
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 form rendering problems in utilitarian and decorative application using modern digital design tools. Manufacturing procedures.
Feasibility study of industrial products. Technical specifications and certification of industrial products.

b. Skills

- 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

Applications of design theory to specific objects in order to produce them. The form of the industrial product as a system and as an object. Design and production processes. Shape, modern materials, color. Stereometry in the service of industrial shaping. Industrial aesthetics. Techniques for presenting the form of an industrial product (concept reporting and visualization).
Modern technology and industrial design. Electronic design technology and morphological research tools of the industrial product. Principles of standardization, "series" of a product and commercial aesthetics. Feasibility study. Cost-benefit analysis in the implementation of the form of an industrial product.
Technical specifications and certification of industrial product. Digital objects design applications. The object of use as a work of art. The importance of the object of use for decoration. Modern and postmodern object design practices.

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<tr><th colspan="3">4. Teaching and learning methods – Evaluation and assessment</th></tr>
<tr><td>- 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.</td><td colspan="2"></td></tr>
<tr><td>Use of Information and Communication Technologies</td><td colspan="2">Digital tools in industrial design applications</td></tr>
<tr><td rowspan="7">Teaching organization</td><td>Activity</td><td>Semester Credits</td></tr>
<tr><td>Lectures</td><td>10</td></tr>
<tr><td>Theory Essay</td><td></td></tr>
<tr><td>Design Workshop and Exercises</td><td>40</td></tr>
<tr><td>Main Design Project</td><td>25</td></tr>
<tr><td>Research and Analysis of Bibliography</td><td></td></tr>
<tr><td>Total</td><td>75</td></tr>
<tr><td>Student assessment</td><td colspan="2">Exercises in industrial design, Exams, Project</td></tr>
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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