

Course/Subject/Unit Description

1. General Information			
School		School of Design Studies	
Department		INTERIOR ARCHITECTURE	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	EA715	SEMESTER	7
SUBJECT TITLE		Three-dimensional design - Reproduction by Rapid Prototyping Methods	
Teaching Content		Weekly (Hrs)	Credits
Lectures, Essays, Design Workshops/Exercises, Design Project – Portfolio of work.		3	3
Type of Subject		Subject Choice	
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. Study technical specifications and certification of industrial products.
b. Skills
<ul style="list-style-type: none"> • Student assessment • Understanding of construction technique • Understand the concept of assembling an object • Application of knowledge in practice

3. Subject Context
3D illustration of objects and interiors. Ways of electronic design approach, with reference to the various design and imaging programs. Functions of design programs, deepening-specialization in how to handle "design tools".

4. Teaching and learning methods – Evaluation and assessment
- Theory and Design Workshops – Main Project Brief/ Site visits

<ul style="list-style-type: none"> - 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, 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
- Η μορφή του σχεδιασμένου αντικειμένου, Παρμενίδης Γιώργος,Χαραλαμπίδου - Διβάνη Σόνια
- ΣΧΕΔΙΑΣΜΟΣ ΤΩΝ ΑΝΤΙΚΕΙΜΕΝΩΝ ΤΗΣ ΚΑΘΗΜΕΡΙΝΟΤΗΤΑΣ, DONALD A. NORMAN