Course Title	**FURNITURE AND PRODUCT DESIGN**				
Course Code	**INT411**				
Course Type	**Required**				
Level	**Bachelor**				
Year / Semester	Year 4 / 1st Semester				
Teacher's Name	Constantinos Kounnis				
ECTS	6	Lectures p/w:	1	Labs p/w:	2
Course Purpose and Objectives	The course aims to: • To recognize how various design processes, lead to furniture and product design problem solving and to identify and acquire skills of analysis, evaluation, interpretation and criticism ranging from simple observation to thematic research. • To demonstrate experimentation with various materials, surfaces and forms and creatively employ them in time related problem solving • To experiment with various design methods in order to examine their effectiveness and compare one to another. • To develop an understanding for the process of ergonomics. • To distinguish the difference between mainstream and avant-garde furniture and product / To look upon them as an integrated part of the whole as well as an element which supports the concept of the specific space. • To encourage students to develop verbal and non-verbal communication skills.				
Learning Outcomes	Students should be able to: • develop an understanding of material use and material innovation • acquire skills in forming technical data including applications and manufacturer information's • to explore new forms using new materials • to acquire knowledge of composition and form • to acquire skills in oral and visual presentation				
Prerequisites	INT321	Co-requisites:	-		
Course Content	**Course Content (Syllabus):** This is an introduction to the concepts, functions, materials and techniques of furniture and product design. It also is a review of design theory development in two- and three-dimensional forms of a basic furniture and product concept or design. Lectures and design problems involve drawings, models and prototypes. Students work on a particular project. They study and investigate the theme but also concentrating on the background history of furniture and product design, the development of the detail as well as the visual drawings. Importance will be placed				

	on students' work deriving from specific concepts and understanding on the process of designing and design quality.
	Studio Work: Studio work is carried out involving the whole group and takes place within the whole spectrum of the duration of the course as this is allocated on the weekly schedule. Studio work also includes interim and final critiques.
Teaching Methodology	• Extended project briefings • Practical workshops • Demonstrations and discussions on critical parts of the subject • Exercises • Illustrated lectures • Group critiques • Student centred practical work • Personal research, realization and manipulation in project work
Bibliography / References	1. Industrial Design, J. Heskett, Thames&Hudson, 2004 2. What is Product Design, by Laura Slack, Rotovision 2006 3. Design of the XX Century, C. & P. Fiell, Taschen. 2012 4. Chair Anatomy: Design and Construction James Orrom 2018 5. 1000 Chairs, C. & P. Fiell, Taschen. 2017 6. 1000 Lights, C. & P. Fiell, Taschen. 2013 7. House of (Design Academy Eindhoven) Concepts, Louise Schouwenberg & Gert Staal, Frame Publishers 2008. 8. Simply Droog by Renny Ramakers and Anneke Moor, Droog 2006 9. The Furniture Machine – Furniture since 1990, Gareth Williams, V&A Publications 2006 10. The Independent Design Guide, Laura Houseley, Thames and Hudson, 2009 11. The Psychology of everyday things, Donald A.Norman, Basic Books 1988 12. Materials for Inspirational Design, Chris Lefteri, Rotovision, 2005 13. ReadyMade, Shoshana Berger, Potter Style, 2005 14. Material World, Innovative Materials for Architecture and Design, Frame, Birkhauser, 2007 15. Transmaterial, B. Brownell, Princeton Architectural Press, 2006 Visual contemporary references in the form of online magazines www.dezeen.com, www.yatzer.com, www.dexigner.com, *www.designboom.com,* www.mocoloco.com, *www.arcspace.com, www.archdaily.com*
Assessment	• Interim Critique 33% • Final Critique 33% • Final Assessment 34% Total: 100%

	Note: The assessment criteria for Interim/Final Critiques and the Final Assessment are: Design Intelligence 40%, Research and Methodology 20%, Experimentation and Analysis 20%, Time management and Presentation 20%
Language	English