University of Nicosia

Course Syllabus

Course Code	Course Title	ECTS Credits
INT-351	Product Design	4
Prerequisites	**Department**	**Semester**
None	Architecture	Fall/ Spring
Type of Course	**Field**	**Language of Instruction**
Major Elective	Interior Design	English
Level of Course	**Lecturer(s)**	**Year of Study**
1st Cycle	Anna Efstathiou	2nd-4th
Mode of Delivery	**Work Placement**	**Corequisites**
Face-to-face	N/A	None

Course Objectives:

The main objectives of the course are to:
- Introduce students to issues related to the activity of product designing and styling.
- Introduce students to the different issues related to the design of an object in actual size (1:1 scale)
- Investigate, analyse and record the process of product designing
- Introduce students to the activity of concept generation and the whole design process for a user centred design
- Encourage and/or carry out visits to museums and exhibitions
- Examine methods, constructions, techniques, as well as technological background that support the contemporary design of exhibitions

Learning Outcomes:

After completion of the course students are expected to be able to:
1. Demonstrate theoretical knowledge: 1. on basic techniques and methods, 2. on conventional, new or smart materials and production technologies and their properties and characteristics, 3. On buyers' views and understanding the market
2. Define and control form, styling and detailing
3. Recognize the multidisciplinary approach that is necessary in the field
4. Apply Design Methodology
5. Propose solutions for operational requirements and focus to techniques

Course Content:

- Introduction to history of product and industrial design and the mass, batch production.
- Examination of case studies in relation to functional objects.
- Analysis of the variety of issues and the interdisciplinary factors that determine the field
- Introduction to the production techniques and materiality

Learning Activities and Teaching Methods:

Lectures, presentations, field studies and site visits, drawn and written assignments

Assessment Methods:

Classroom participation is assessed, as well as projects, assignments, midterm and final exams.

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Product Design	Milton Alex Rodgers	Portfolio	2011	9781856697514, 9781780670850
Usable Usability: Simple Steps for Making Stuff Better	Reiss, Eric	John Wiley & Sons,	2012	9781118185476, 9781118227558
Product Development: A Structured Approach to Design and Manufacture	Mital Anil, Desai Anoop	Elsevier Science	2011	9780750683098, 9780080556413
The Design of Everyday Things	Donald A. Norman	MIT Press; 2nd revised and expanded ed edition	2013	978-0262525671

The Industrial Design Reference & Specification Book: Everything Industrial Designers Need to Know Every Day	Dan Cuffaro and Isaac Zaksenberg	Rockport	2013	978-1592538478
Design: History, Theory and Practice of Product Design	Bernhard E. Bürdek	Birkhäuser	2005	978-3764370299