Course guides
210176 - MA IDM - Furniture and Architecture: From Mass-Produced to Tailor-Made

Unit in charge: Barcelona School of Architecture
Teaching unit: 210 - ETSAB - Barcelona School of Architecture.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Optional subject).
DEGREE IN ARCHITECTURE (Syllabus 2010). (Optional subject).
Academic year: 2020 ECTS Credits: 2.5 Languages: English

LECTURER
Coordinating lecturer: JOSEP MARIA FORT MIR
Others: Primer quadrimestre:
JOSEP MARIA FORT MIR - 13

REQUIREMENTS
Having passed Architectural Design I and II.

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
17. Translation from Spanish slope
18. Translation from Spanish slope
19. Translation from Spanish slope
20. Translation from Spanish slope
21. Translation from Spanish slope

General:
6. Translation from Spanish slope
7. Translation from Spanish slope
8. Translation from Spanish slope
9. Translation from Spanish slope
10. Translation from Spanish slope
11. Translation from Spanish slope

Transversal:
12. Translation from Spanish slope
13. Translation from Spanish slope
14. Translation from Spanish slope
15. Translation from Spanish slope
16. Translation from Spanish slope

Basic:
1. Translation from Spanish slope
2. Translation from Spanish slope
3. Translation from Spanish slope
4. Translation from Spanish slope
5. Translation from Spanish slope
TEACHING METHODOLOGY

Classroom Activities Hours / week:
Master class / method first exhibition 1
Project-based learning 1

Non-classroom Activities
Independent work 35 hours / semester

LEARNING OBJECTIVES OF THE SUBJECT

The aim is to initiate students in the design of furniture items, both for indoor and outdoor spaces, understood from industrial production and series to design for local situations and specific needs. The furniture is placed in an intersection of scales of intervention. Due to its human dimension, takes part in social, cultural and symbolic issues which shares with buildings and urban scale. However, its construction adds also specific factors such industrial production, standardization and distribution. The ability to produce large numbers of identical items and to place them in different locations, are differentiating factors. The subject treats the relationship between specific aspects of industrial production and architecture, focusing the attention on the ability to establish transversal relations between disciplines apparently diverse but all involved in the process of designing an industrial product.

Likewise, the experimental character of the subject can introduce issues of future, such as the world of electric vehicles and their impact on architecture, smart cities, the internet of things, new materials and information networks, energy savings and sustainability. These are aspects impinging on everyday life and will represent a profound change in the environment in which we live and, at the same time, will be new areas of professional activity for architects, beyond the limited scope of the construction of new buildings.

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Hours large group</td>
<td>27.5</td>
<td>44.00</td>
</tr>
<tr>
<td>Self study</td>
<td>35.0</td>
<td>56.00</td>
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</tbody>
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Total learning time: 62.5 h
CONTENTS

Programme

Description:
The theory and practice are developed in parallel. The lectures provide references to general knowledge on the subject and guidelines applicable to design exercises of the course.

General subject areas for lectures:

2. Design, culture and society. Industrial Design in Catalonia. Miquel Mila and FAD.
3. Industrial design, image and business. Raymond Loewy and Styling.

Course designs developed Furniture items, on an experimental basis:
Upgrading of existing elements or creation of new products, which can be for indoor or outdoor. Adaptation of the objects to new technologies, including ICT and new materials as well as the social and cultural reality, in permanent adaptation. New proposals for furniture designed to be produced industrially designed based on production capacity of companies in the sector.

The projects are developed in two ways, with theoretical proposal and technical and formal resolution. The projects are done in teams and are presented in class, where are discussed. This course is organized as a laboratory, testing different possibilities of development.

Working language: The lectures are in English. The presentation of the projects in class by the teams, in addition to English, Catalan and Spanish, can be complemented with other languages (French and Italian, in some cases).

Full-or-part-time: 62h 30m
Theory classes: 27h 30m
Self study: 35h
**GRADING SYSTEM**

<table>
<thead>
<tr>
<th>Continuous Assessment System (%)</th>
<th>Final Evaluation (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral presentations 50%</td>
<td></td>
</tr>
<tr>
<td>Work and group exercises 50% 50%</td>
<td></td>
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<tr>
<td>Project evaluation 50%</td>
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**Continuous assessment**

Continuous assessment will be based on the work that students develop during the course of work by delivering or testing written and / or oral, according to the criteria and timetable to be established.

**Final Evaluation**

If continuous assessment is not positive, will be a second evaluation that consists of a final test on a global basis in the format established in accordance with the opinion of teacher responsible (oral or written test and / or delivery of work).

**Continuous telematic evaluation**

In online teaching situations, continuous assessment will be carried out synchronously and asynchronously by the means established by the University and the School, with a periodic record of academic activity through submissions, forums, questionnaires or any other means facilitated by the Atenea platform, or the alternatives provided to the teaching staff. In the situations in which this telematic teaching is a product of face-to-face teaching that has already begun, or for questions of extra-academic order, the changes in the weightings or regular control systems of the teaching will be communicated in detail to all students by the Athena of each subject.

**Telematic final evaluation**

If the continuous telematic evaluation is not positive, a second evaluation can be carried out, which will consist of a final test of a global nature in telematic format that will be established in accordance with the criteria of the professor responsible and the media and ICTs provided by the University or School.

The measures for adaptation to non-classroom teaching will be implemented in accordance with the criteria of ICT security and personal data protection to ensure compliance with the legislation on Personal Data Protection (RGPD and LOPDGDD)

**EXAMINATION RULES.**

The projects are made in teamwork and are shown through presentations to the whole class, with the participation of the entire team. The final mark is based on the level of both the class presentations (continuous assessment) and final delivery of the work (final evaluation). The notes are individual.

**BIBLIOGRAPHY**

**Basic:**
- Reculls de projectes de l'Assignatura Optativa (ETSAB) Mobiliari i Arquitectura: de la Indústria al Disseny a mida.

**Complementary:**
- Catáleg de productes seleccionats per als premis delta ADI FAD. Barcelona: ADI FAD, 19--.

RESOURCES

Hyperlink:
- INTRANET DOCENT. https://atenea.upc.edu/moodle/login/index