



Eina Centre Universitari
Fundació Eina
Disseny Art Barcelona

Passeig Santa Eulàlia 25
08017 Barcelona T+34 932 030 923
info@eina.cat www.eina.cat

EQUIPAMENT I CONTEXT

Oriol Roig Carreras

Supervising Teacher: Oriol Roig Carreras

Group: 1

Code: 105715

Credits: 6 ECTS

Course:

Semester: 2

Typology: Optative

Subject: Design Processes

Schedules:

Group	Schedules	Teacher
1	Dilluns 12:00 - 15:00	Oriol Roig Carreras



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Subject Presentation

Brief Description:

The course offers the tools necessary to provide an overview of the role of urban furniture in shaping public space and at the same time incorporate the criteria for developing an urban equipment product in the context of a public space project. Complementarily work on skills in the representation and communication of an urban furniture project.

The contents of the subject are developed in the first part of the course with greater dedication to theoretical tasks such as lectures and the analysis of the public spaces under study, complemented by individual exercises on intervention strategy in the public space. As the course progresses, the theoretical sessions lose weight and more time is allocated to the workshop and project corrections. Throughout the course, different authors or representatives of publishing companies are invited to present their professional experience and, on a timely basis, a visit to a company that manufactures and publishes street furniture is scheduled.

Training Objectives:

To train the student in relation to learning to look, to read the public space and to know the relationship that occurs between urban elements and the city both from the demand that it generates and from the capacity of those to make new spaces emerge and create a city. Analyze how to adapt to spaces with specific conditions and familiarize yourself with the basic principles of urban elements as products.

Recommendations

Enrolled students need to have knowledge and resources of graphic representation of projects in two and three dimensions and different scales. Able to search for sources of information and develop analytical work independently and in groups. Possess a visual culture that allows you to value the aesthetics and qualities of the public environment.

Contents and Methodology

Brief Description:

The course offers the necessary instruments to provide an overview of the role of urban furniture in the shaping of public space and at the same time incorporate the criteria for developing an urban equipment product in the context of an intervention project in the public space

Teaching methodology:

Conceived in an eminently practical way, the course articulates its contents with introductory theoretical sessions and a design workshop. The introduction of the subject through theoretical classes will allow us to approach the particularities of urban furniture as an object of design and its contribution in shaping the urban landscape.

The design workshop constitutes the backbone of the course through which the students must develop the necessary project mechanisms for the formulation of proposals for urban furniture elements as a mechanism for urban acupuncture in the consolidated public space. As a first action, draw up a program based on the observation of what users do in the public space that is the object of the transformation project, as well as a collection of the impressions that citizens have of the place and their wishes. Also of the problems and possible solutions to redefine the space starting from the premise that a public space project is not always an act of creation finished in itself, but a link in a longer evolutionary chain, where the user also designs.

Training activities:

Four masterful theoretical sessions

Search for information, analysis and document preparation. (15%)

Four intervention strategy exercises in public space (35%)

Design workshop (50%)

Individual and group exhibitions

Visits to publishing companies and production centers

Presentations of products and projects by external professionals

Evaluation

General evaluation regulations

A student will be considered "Not Assessable" (NA) if they have not submitted all the learning evidences or have not attended 80% of the classes without justifying their absences. In case of a justified absence, the student must contact the teacher at the time of rejoining to determine the recovery of the activities they missed.

If the student commits any irregularity that may lead to a significant variation in the grade of an evaluation act, that evaluation act will be graded with 0, regardless of the disciplinary process that may be initiated. If several irregularities occur in the evaluation acts of the same subject, the final grade for that subject will be 0.

Each subject will define the use of generative AI tools in assessed activities according to one of the following three levels: use not permitted; use restricted to specific tasks indicated by the teaching staff; or use permitted as part of the working process, provided that it is declared and justified.

When AI has played a significant role in an assessed activity, the student must declare which tool they used, for what purpose, at which stage of the work, and what subsequent review, selection or transformation they carried out.

Continuous evaluation system

The evaluation system of EINA and UAB is a continuous assessment system, the objective of which is for the student to know their academic progress throughout their educational process to allow them to improve it.

The continuous assessment process must include a minimum of three evaluative activities, of two different types, distributed throughout the course, none of which can represent more than 50% of the final grade.

Evaluation criteria.

Accustomed as we are to proposals that base their effects on the alteration of the whole, the most valued proposals will precisely be the projects developed within the logic of urban acupuncture, catalysts on a small scale in proportion to the great effect they can generate. Proposals with a desire to transform the space suitable for debate in a real professional environment and likely to become a product for a publishing company.

Students must complete and publicly present two exercises analysing public space, carried out during class time, which account for 10% of the final mark.

The first individual writing workshop accounts for 20% of the final mark. The other two projects written

as part of the public space intervention strategy workshop, which are presented and defended orally, account for 70% of the final mark. These are carried out in groups of 2 or 3 students.

5% Exercise 01 Draw an urban element

5% Exercise 02 Context of an urban element

20% Workshop 01 The hydraulic tile

30% Workshop 02 The table as an element of interaction

40% Workshop 03 Climate shelter

Non-attendance, not justified, at 20% of the classes implies a provisional qualification of "not presented". Students have the option of revising the project when they receive the provisional grade before the final grade.

Review process

The review can be requested from the relevant teaching staff and will be carried out during the week indicated in the academic calendar.

Learning outcomes of the subject

Knowledge

Identify the similarities and differences between a design project and other comparable projects within the current market context. (KT01)

Skills

Demonstrate mastery of basic infographic resources to present the sectors and frameworks of action relevant to the project. (ST06)

Integrate concepts and procedures from different professional design sectors in the development of comprehensive design projects. (ST09)

Apply research and evaluation methodologies specific to the professional design sector targeted by the project. (ST10)

Conduct a preliminary analysis prior to project development, identifying the characteristics of the professional design sector and incorporating gender and diversity criteria into the study of the context and stakeholders. (ST02)

Learning outcomes of the degree program

Knowledge

Respond to global issues related to the fields of design and art, cultural industries, their institutional environments, and the agents involved.

Catalogue materials, their properties and physical principles in relation to the conceptualisation and formalisation of design projects, taking into account environmental and sustainability criteria.

Categorise technologies and production processes, along with their respective costs, in relation to the conceptualisation and formalisation of design projects, while ensuring rigour and quality in finishes and details.

Reference essential knowledge of the sciences and auxiliary disciplines of design, such as anthropometry, ergonomics, visual communication, evaluation methods, marketing, and prospecting.

Skills

Identify design problems through the analysis of objects, graphic communication elements, and spaces, from a perspective rooted in contemporaneity, universal accessibility, and equal opportunities.

Apply plastic expression skills and knowledge of materials and production technologies in

accordance with the objectives of a design project.

Propose design solutions (or solutions in related areas) clearly and precisely, using appropriate vocabulary and techniques of expression and representation.

Graphically represent spaces, volumes, planes, and surfaces using the characteristic techniques of design.

Use digital tools and technologies according to creative and production processes in the field of design

Apply ethical and aesthetic criteria and values to design practice, taking into account the formal dimensions of environments and their diversity.

Evaluate the social, economic, environmental, and technological feasibility of a design project, incorporating gender and diversity perspectives, and ensuring respect for sustainability, democratic values, and fundamental rights.

Competencies

Propose creative, socially and environmentally sustainable design solutions, aligned with the Sustainable Development Goals (SDGs).

Manage the development of design projects—individually or in teams—with adaptability, within the organisational context of companies and institutions.

Manage design-related tasks autonomously, planning and organising time and processes in professional and/or academic settings.

Apply acquired knowledge to the execution of design and art projects with professional standards, considering user and audience diversity.

Bibliography and Resources

FAD. Promotion of Arts and Design. Barcelona 2009. The urban U: The white book of the streets of Barcelona.

.AAVV. The reconquest of Europe: urban public space. Barcelona: CCCB Consortium, 1999

.Serra, JM urban elements: furniture and micro-architecture. Barcelona: Gustavo Gili, 1996

.Serra, JM manual of urban elements: furniture and micro-architecture. Barcelona: Diputació de Barcelona, 2000

.Carles Brotó and Comerma. Urban furniture: new concepts. Barcelona 2010. Leading International Key Services

.Deputy of Barcelona. The streets of democracy: The public space of the new cities. Barcelona 2001

.Sophie Barbaux. Urban objects: vivre la ville autrement. Paris, France. ICI Consultants

.Jan Gehl. Cities for the people. Buenos Aires 2014. Infinite

.Jan Gehl. The humanization of space. Barcelona 2006. Reverse.

.Danae Esparza Lozano. 2014. Doctoral thesis. Public Space and Urban Regeneration PhD Program. University of Barcelona.

Resources:

.Collection of articles on public space and urban elements published in specialized magazines.

.Collection of press articles, plans and photographs of public spaces in the city of Barcelona to be analysed.

.Escofet Catalog. Urban Life 2019.

Urban furniture catalog of publishing companies:

vestre.com; nola.se ; escofet.com; santacole.com; www.bellitalia.net/en; www.streetlife.nl/en;

www.lab23.it/; www.forms-surfaces.com/; landscapeforms.com; www.grupoamop.com;

www.mmcite.com/en/products