Eina Centre Universitari
Fundació Eina
Disseny Art Barcelona

Passeig Santa Eulàlia 25
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info@eina.cat www.eina.cat

INTERVENCIO EN ESPAIS EXISTENTS

Salvador Segura Juni

Supervising Teacher: Salvador Segura Juni

Group: 1,2
Code: 105721
Credits: 6 ECTS
Course:
Semester: 2
Typology: Optative
Subject: Design Processes
Schedules:

Group	Schedules	Teacher
1	Dilluns 08:30 - 11:30	Salvador Segura Juni
2	Dilluns 12:00 - 15:00	Salvador Segura Juni

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Teaching Guide Index

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Subject Presentation

Brief Description:

Intervention in existing spaces aims to begin to read the environments where a future intervention will be developed. This reading must be done at a conceptual, historical and technical level in order to adapt the new project to the space where it wants to fit, while at the same time being able to highlight the virtues of real and heritage pre-existences and also the limitations of current cataloguing.

Training Objectives:

• Train the student to understand and represent the shape, size and condition of the buildings where an intervention is to be carried out.
• Interpret the construction fact in the pre-existence and analyze it to fit the new project within the existing building, in a tight, technical and formal way.
• Approach to the diagnosis and repair techniques of existing construction systems
• Approach to intervention techniques in consolidated buildings.

Recommendations

Have taken subjects related to Construction, Materials Technology and graphic representation. Subjects related to the History of Architecture are positively valued.

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Contents and Methodology

Brief Description:

- How to measure and draw the existing building
- Historical and documentary research
- Analysis and assessment of the construction systems of the existing building
- Approach to pathology, diagnosis and repair of pre-existing construction systems
- Approach to intervention in consolidated buildings.

Teaching methodology:

The subject is divided into three phases: One of Rehabilitation Theory, another of practice and introduction to rehabilitation techniques and another of practice with theoretical and/or practical exercises.

Training activities:

Four practical assignments will be completed with a presentation in class. One of them will be a project.
There will be a Rehabilitation Theory exam and another practical exam on rehabilitation procedures.
An attempt will be made to make a practical visit to a work in progress.

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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.

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.

There will be two exams:
One Rehabilitation Theory 30% of the final value
One rehabilitation techniques practice: 25% of the final value
Three critical, analytical or technical papers: each with a value of 5% of the final grade
A proposal or project work: 30% of the final value

Review process

Once the provisional grades are available, a review date will be proposed at the end of the academic semester.

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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.

Correctly reference documentary sources, the necessary bibliography and knowledge of the heritage environment both for the projection and for the analysis and reasoned criticism of design and/or art.

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

Describe the legal framework and the ethical and deontological values of the design profession, along with the contexts and agents that apply them, with

Skills

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.

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

Make value judgments about design projects by interpreting data and justifying critical analysis using knowledge of graphic communication, space, objects, and reference texts.

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.

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

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)

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Bibliography and Resources

Letters of Rehabilitation, Athens, Krakow, Venice: Various publishers

Technical Rehabilitation Manuals of the ITEC. Published by the Technical Institute of Building of Catalonia.

Viollet Le Duc: Work and concepts: Various publishers

Ruskin, ideary: Various Editorials