

Professors:

João Pedro Costa (coord.), Alessia Allegri, Carlos Ferreira, Carlos Macedo, Filipa Serpa, João Figueira, Jorge Mealha, José Nuno Beirão, Madalena Cunha Matos, Margarida Louro.

EXERCISE I SYLLABUS

“HABITÁCULO” [critical perspective]

1. Aims

Through the analysis of small living units ("habitáculos"), we aim at developing the critical observation of architecture, seeking its understanding and of its tools, focusing on the study and observation of qualities and categories (of analysis) of interior spaces, through given examples.

The development of a “critical perspective” will be developed through the indirect or direct observation and representation of case studies.

Finally, we seek the identification of a specific heritage in Architecture and the articulation of its various physical and perceptual dimensions, from the scale of the hand to that of the building.

2. Program

For ease of precision, we will designate all of the examples as “Habitáculo”.

Habitáculo, from the Latin habitaculum, house, dwelling, body, is the object of this research. With this term we designate spaces that accommodate different human activities, regardless of the fact the authorship is known or not.

The list of case studies and some basic information about each example will be provided separately. The examples may not be repeated in the same class.

3. Work

The work will be carried by groups of 4 students, who will work on a given case study, chosen from a list selected by the professor of each class. It will developed in two components: an individual part, consisting on the representation of the example through two related orthogonal representations, plan, elevation or section, at 1:50

scale; and another part to be done in group work which consists of: (1) the analysis of categories of the case study according to previous listed definitions (2) the production of a model (dismountable) at a 1:20 scale of the case study and (3) the natural scale representation of one, or part of one, of the case of study projections.

All research, study and synthesis drawings will be hand drawn, with the sole exception of the photographs referred in point 4. Computer programs will be allowed only in the assembly / layout of the final panel.

Analysis

The studies and representation of synthesis regarding the selected case study must communicate clearly the understanding of the following analysis categories. Each category may have distinct influence in the characterization of the case study and that aspect is a fundamental point in the exercise.

1. Scale / Use

A plan and section in relation, informing on the SCALE of space – illustrating relationships between the spatial dimensions and movement of a body - and its USES – the appropriations and practices associated.

2. Rule / Composition

Diagrams clarifying the relation between the PARTS and the WHOLE (geometric patterns, modularity, proportionality).

3. Form / Construction

An axonometric informing about the relation between FORM (space) and STRUCTURE.

4. Matter / Constitution

Set of Photos made in situ where possible (not downloaded), representing key MATERIALS of the case of study. A hand must be present in the photos, to ascertain scale.

5. Individual / Collective

A drawing identifying the elements that determine INDIVIDUAL and COLLECTIVE realms, as well as their ARTICULATION.

6. Interior / Exterior

A section and a perspective identifying key aspects of the INSIDE-OUTSIDE RELATION.

7. Light / Shadow

A light-shadow representation of the case of study under NATURAL and a diagram illustrating ARTIFICIAL LIGHTNING.

Presentation

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The student's individual work must be presented in a support of the choice of the student (sketch paper, etc).

The group work :

(1) must to be presented on a A2 panel, portrait orientation, subdivided in 2 columns and 4 lines (therefore 8 "cells"), of which the upper right one is for the id of the work and the remaining for the interpretation of the analysis categories. Categories 1 to 4 go on the left-side column, categories 5 to 7 go on the right-hand column. The assembly of the analytical elements on panel A2 may be digital. A pdf file of this panel must be handed in by the submission date (A3 size, 200 dpi definition, no layers).

(2) The model (to be produced in group) must be at a 1:20 scale, partially dismantled in order to allow viewing the interior (in the most convenient way for the assessment of the qualities of the object under study), must include furniture (when applicable) and must have a human scale representation.

(3) The representation on a natural scale must be carried out starting from the reversible marking in an interior or exterior space of the school of plans and sections (painter's feint, among others)

Evaluation

Accuracy and clarity of representation and its adequacy to the contents.

Depth of research and intent in the interpretation of the given analysis categories.

All deliveries are made in physical/printed and digital format

Calendar

Start: Class 1 – October 04th, 2021

Conclusion: Class 6 – October 20th, 2021

Hand-in: Class 6 – October 20th, 2021 – until 23:59 o'clock, at the FA cloud, in the specific link created for each class.

Lisbon, September 28th, 2021