

Docentes:

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EXERCISE 1: THE CELL AND THE MATERIALITY

[Meditation retreat, in the context of nature]

PHASE 5: From the cell to the communal space



OBJECTIVES

Phase 5 of the exercise focuses on the development and detailed characterization of a segment of the route from the cell to the communal space.

The aim is for the student to develop the following skills:

- Explore the relationship of the architectural object with the natural site, as well as the transitional relationships between interior and exterior and between the created spaces.
- Develop an architectural idea based on an investigation of formative case studies from an architectural culture, and on the synthesis between the site, compositional elements, materiality, and the human needs of essential communal living.
- Develop an architectural project consistent with the expressive, spatial, and tectonic possibilities of a material – brick and concrete.
- Develop the capacity to conceive materiality in accordance with a spatial idea defined in previous phases, using complementary techniques [model(s), precise and atmospheric drawings].

PROJECT IV

- Consolidate conception and representation skills through drawing at scales approaching detail, and through instruments and techniques for constructing three-dimensional models [model(s), precise and atmospheric drawings].
- Introduce, in a controlled and advanced phase, techniques for representing architectural and urban projects through indirect means (digital), ensuring continuity with prior direct manual experience, so as to maintain spatial, dimensional, and expressive control of technical drawings and models.

PROGRAM

Based on the previous phases, a segment or part of the route from the cell to a communal space is selected. The detailed development of environments is formalized in articulated drawings – plan and section – at a 1:50 scale, which characterize the stereotomies, textures, and atmospheres intended for the spaces in question.

The work process is carried out individually.

ELEMENTS TO DELIVER

Drawn Pieces

- Dimensioned and articulated atmospheric plan and section(s), mounted on a base sheet provided by the instructors [scale 1:50, drawn in pencil and/or ink].

CALENDAR

- Phase 5 launch: Class 25, May 18.
- Submission and exhibition of Phase 4: **Class 28, May 27.**

EVALUATION CRITERIA

The evaluation criteria for Phase 5 are:

- Creativity and ability in spatial, architectural, and urban design and exploration.
- Ability to transform an idea into an architectural object, ensuring proper materialization and understanding of architectural adequacy (aesthetic-formal, organizational-functional, experiential, technical-constructive, ecological-environmental, landscape, and urban-contextual).
- Capacity to achieve cultural synthesis in the project, expressed through an architectural and urban interpretation and the adoption of a well-referenced and qualified architectural language and artistic expression.
- Ability to translate an idea into an architectural object, ensuring the understanding of architectural appropriateness (aesthetic-formal, organizational-functional, experiential, technical-constructive, ecological-environmental, landscape, and urban-contextual).
- Ability to explore the materiality and construction in defining the space and architectural expression
- Mastery of architectural expression and representation through sketching, technical drawing, and three-dimensional models.

- Attendance, interest, and active participation in classes, demonstrating a critical and self-critical approach.
- Quality of the work process.

BIBLIOGRAPHY

The bibliography for this exercise is outlined in the course program.

Lisbon, February 5, 2026